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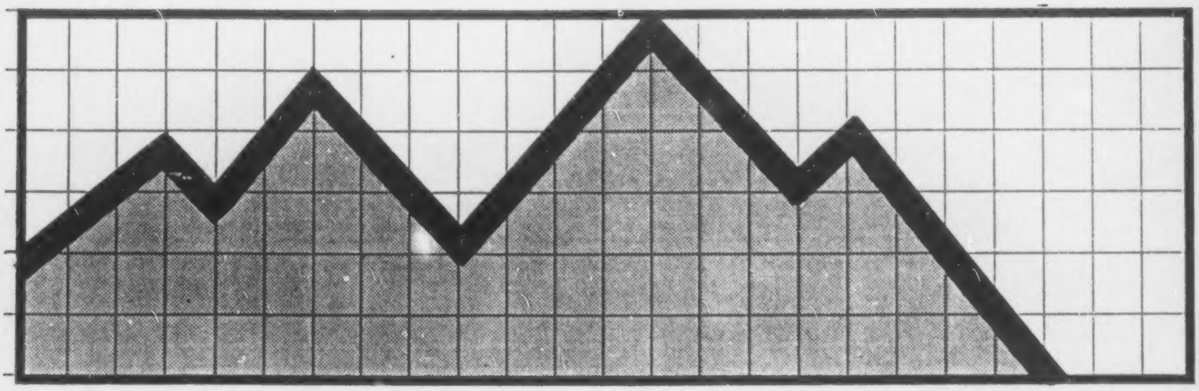
COLORADO
VITAL STATISTICS
1987



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Colorado Vital Statistics, 1987, is the result of a process supported by the efforts of many people around the state. Physicians, hospital personnel, coroners, local registrars, funeral directors, and the staff of the Health Statistics and Vital Records Division are among those who contributed to the information found in this report.

This edition of *Colorado Vital Statistics* in particular will aid in the understanding of vital events in the state by offering expanded statistics on causes of death, life tables, and data by county and region in the state. I am confident that users of this report will find it a valuable tool for assessing health status in Colorado.

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Part One. Data Highlights for 1987

Population		3,331,230	Colorado's population was estimated to have increased by 64,101 between 1986 and 1987. Subsequent revisions of population estimates are expected to show smaller population increases than indicated by figures used in this report.
Live Births	Number	53,803	With the lowest number of births since 1981, the lowest birth rate since 1977, and the lowest general fertility rate since 1978, Colorado's birth statistics reflected both the aging of the state's population and a trend toward later childbearing.
	Birth Rate	16.2	
	Fertility Rate	64.2	
Deaths	Number	21,089	The death rate has ranged between 6.2 and 6.5 since 1979, relatively low compared to the U.S. rate even when the state's younger population is considered. Death rates are lower for most causes of death in Colorado, with the exceptions of chronic obstructive pulmonary diseases and suicide.
	Rate	6.3	
Marriages	Number	31,931	The marriage rate, declining since 1981, reached its lowest point since 1965. The number of marriages was the lowest since 1978.
	Rate	9.6	
Marriage Dissolutions	Number	18,590	Continuing a long decline, Colorado's marriage dissolution rate was the lowest since 1972.
	Rate	5.6	
Low Weight Births	Number	4,265	The percent of low weight births (<2,500 grams) rose slightly in 1987 from 7.7 percent in both 1985 and 1986. In 1986, Colorado had the highest percents of low weight birth among both whites and blacks of any state in the country.
	Percent	7.9	
Births to Unmarried Women	Number	10,167	After steady increases since the 1940's, both the number and percent of births to unmarried women were at the highest levels ever in the state.
	Percent	18.9	
Infant Deaths	Number	527	With 51 more infant deaths in 1987 than in 1986, the infant mortality rate was the highest in four years.
	Rate	9.8	
Neonatal Deaths	Number	321	Increased numbers of both neonatal and post-neonatal deaths contributed to overall increases in infant mortality in 1987. The neonatal mortality rate was the highest since 1981.
	Rate	6.0	
Maternal Deaths	Number	4	The number of maternal deaths per year has ranged between 1 and 6 for the last decade.
	Rate	0.7	
Induced Abortions	Number	12,232	The number of reported induced abortions has fallen by 30 percent since 1984. It is not known to what extent incomplete reporting has affected these induced abortion figures.

Marriage and marriage dissolution data are for events occurring in the state. All other data are for resident events.

Highlights

As the table on the preceding page suggests, 1987 was an important year for several long-term trends in vital statistics in Colorado. The aging of the population contributed to lower numbers and rates of live births, marriages, and divorces. Births to unmarried women in the state were at an all-time high. Chronic obstructive pulmonary diseases increased to become the fourth leading cause of death. Life expectancy for Coloradans reached a high of 76.6 years. And, for the first time, death data comparable to those for other causes were available to measure the growing impact of acquired immunodeficiency syndrome (AIDS).

The year 1987 also was significant for what did not change in vital statistics. The incidence of low weight birth in the state remained high. There was no improvement in the proportion of women obtaining early prenatal care. Colorado's suicide rate remained high in comparison with the nation. Infant mortality rates continued to fluctuate, reaching the highest point in four years and remaining disproportionately high among black infants.

Many new tables and figures have been added to Colorado Vital Statistics to better describe these trends. This edition includes expanded cause-of-death statistics, life tables, injury death data, and new tables by county and region in the state.

This section of the report presents a general view of vital statistics in Colorado in 1987. Table 1 is a summary of Colorado vital statistics by place of residence and place where the event occurred. Table 2 shows vital events by race and Spanish origin for Colorado residents, and Table 3 shows numbers of events by month of occurrence.

Vital Statistics by County and Region

Tables 4 through 6 present summaries of vital statistics by county and region in the state in 1987. Each of these tables contains information on live births, low weight births, births to unmarried women, total deaths, and infant, neonatal, postneonatal, and perinatal deaths. Counties are arranged into four different substate groupings, with data also compiled for the Denver metropolitan area. Explanations of these regions appear inside the back cover of this report.

Table 4.	Vital Statistics Summary by County and Region: Colorado Residents, 1987
Table 5.	Vital Statistics Summary by County and Region: Colorado Residents, Five-Year Average Annual, 1983-87
Table 6.	Vital Statistics Summary by County and Region: Colorado Occurrence, 1987

Table 1. Colorado Vital Statistics, 1987

	Vital Statistics of Colorado Residents by Place of Occurrence			Vital Statistics of Colorado Occurrences by Place of Residence		
Vital Event	Total	Colorado	Out of State	Total	Colorado	Non-Resident
Live Births	53,803	53,439	364	54,096	53,439	657
Low Weight Births	4,265	4,226	39	4,369	4,226	143
Births to Unmarried Women	10,167	10,070	97	10,165	10,070	95
Deaths	21,089	20,545	544	21,565	20,545	1,020
Infant Deaths	527	511	16	561	511	50
Neonatal Deaths	321	310	11	345	310	35
Postneonatal Deaths	206	201	5	216	201	15
Spontaneous Fetal Deaths						
All Gestations	-	2,544	-	2,588	2,544	44
<20 Weeks Gestation	-	2,173	-	2,206	2,173	33
20+ Weeks Gestation	-	371	-	382	371	11
Perinatal Deaths	-	681	-	727	681	46
Reported Induced Abortions	-	11,361	-	12,232	11,361	871
Marriages	-	-	-	31,931	-	-
Marriage Dissolutions						
Total	-	-	-	18,590	-	-
Divorces	-	-	-	18,508	-	-
Annulments	-	-	-	82	-	-
Legal Separations	-	-	-	285	-	-
Population	Total: 3,331,230	Male: 1,658,626		Female: 1,672,556		

See technical notes for definitions of data items.

Table 2. Vital Events by Race and Spanish Origin: Colorado Residents, 1987

		White			Non-White					
Event	Total	Total	Anglo White	Spanish Surname	Total	Black	Native American	Other	Unknown	Spanish Origin
Live Births	53,803	48,718	40,925	7,793	4,995	3,161	543	1,291	90	7,941
Male	27,671	25,088	21,065	4,023	2,534	1,599	282	653	49	4,102
Female	26,132	23,630	19,860	3,770	2,461	1,562	261	638	41	3,839
Low Weight Births	4,265	3,659	2,941	718	602	448	51	103	4	725
Births to Unmarried Women	10,167	8,420	5,419	3,001	1,713	1,437	200	76	34	3,044
Deaths	21,089	20,231	18,598	1,633	854	702	50	102	4	1,409
Male	11,016	10,563	9,618	945	451	370	28	53	2	826
Female	10,073	9,668	8,980	688	403	332	22	49	2	583
Infant Deaths	527	469	393	76	58	52	3	3	0	60
Male	307	276	239	37	31	27	2	2	0	32
Female	220	193	154	39	27	25	1	1	0	28
Neonatal Deaths	321	284	234	50	37	34	2	1	0	40
Postneonatal Deaths	206	185	159	26	21	18	1	2	0	20
Spontaneous Fetal Deaths 20+ Weeks	371	319	257	62	46	36	5	5	6	52
Perinatal Deaths	692	603	491	112	83	70	7	6	6	92

Birth data are by race of child. Spontaneous fetal death data are by race of fetus. Spanish origin is independent of race. Perinatal deaths are spontaneous fetal deaths of 20+ weeks gestation and neonatal deaths.

Table ~~2.~~ 3 Summary of Vital Statistics by Month of Occurrence: Colorado Residents and Occurrences, 1987

Event		Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Live Births														
Residence	Number	53,803	4,178	4,137	4,700	4,467	4,810	4,649	4,857	4,563	4,594	4,386	4,184	4,278
	Percent	100.0	7.8	7.7	8.7	8.3	8.9	8.6	9.0	8.5	8.5	8.2	7.8	8.0
Occurrence	Number	54,096	4,201	4,156	4,722	4,483	4,828	4,684	4,889	4,589	4,622	4,420	4,205	4,297
	Percent	100.0	7.8	7.7	8.7	8.3	8.9	8.7	9.0	8.5	8.5	8.2	7.8	7.9
Births to Unmarried Women														
Residence	Number	10,167	785	753	865	878	913	873	954	852	893	810	772	819
	Percent	100.0	7.7	7.4	8.5	8.6	9.0	8.6	9.4	8.4	8.8	8.0	7.6	8.1
Occurrence	Number	10,165	784	752	868	876	910	876	956	851	894	807	772	819
	Percent	100.0	7.7	7.4	8.5	8.6	9.0	8.6	9.4	8.4	8.8	7.9	7.6	8.1
Spontaneous Fetal Deaths - 20+ Weeks Gestation														
Residence	Number	371	30	30	33	29	33	31	23	26	34	40	32	30
	Percent	100.0	8.1	8.1	8.9	7.8	8.9	8.4	6.2	7.0	9.2	10.8	8.6	8.1
Occurrence	Number	382	31	30	33	32	35	31	23	27	36	42	32	30
	Percent	100.0	8.1	7.9	8.6	8.4	9.2	8.1	6.0	7.1	9.4	11.0	8.4	7.9
Deaths														
Residence	Number	21,089	2,061	1,671	1,812	1,757	1,638	1,685	1671	1,660	1,620	1,810	1,777	1,927
	Percent	100.0	9.8	7.9	8.6	8.3	7.8	8.0	7.9	7.9	7.7	8.6	8.4	9.1
Occurrence	Number	21,565	2,093	1,697	1,830	1,808	1,659	1,733	1728	1,722	1,666	1,835	1,832	1,962
	Percent	100.0	9.7	7.9	8.5	8.4	7.7	8.0	8.0	8.0	7.7	8.5	8.5	9.1
Infant Deaths														
Residence	Number	527	53	45	43	41	37	46	46	40	38	38	58	42
	Percent	100.0	10.1	8.5	8.2	7.8	7.0	8.7	8.7	7.6	7.2	7.2	11.0	8.0
Occurrence	Number	561	56	46	45	45	42	52	49	39	42	39	62	44
	Percent	100.0	10.0	8.2	8.0	8.0	7.5	9.3	8.7	7.0	7.5	7.0	11.1	7.8
Marriages														
Occurrence	Number	31,931	1,579	2,113	1,866	2,067	3,240	3,770	3,120	4,259	3,062	2,411	2,060	2,384
	Percent	100.0	4.9	6.6	5.8	6.5	10.1	11.8	9.8	13.3	9.6	7.6	6.5	7.5
Marriage Dissolutions														
Occurrence	Number	18,590	1,507	1,585	1,548	1,534	1,346	1,765	1,679	1,397	1,543	1,631	1,462	1,593
	Percent	100.0	8.1	8.5	8.3	8.3	7.2	9.5	9.0	7.5	8.3	8.8	7.9	8.6

See technical notes for definitions of data items.

Table 4. Vital Statistics Summary by County and Region: Colorado Residents, 1987

	Live Births		Low Weight Births		Births to Unmarried Women		Total Deaths		Infant Deaths		Neonatal Deaths		Postneonatal Deaths		Perinatal Deaths	
County/Region	Number	Rate	Number	Percent	Number	Percent	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Colorado	53,803	16.2	4,265	7.9	10,167	18.9	21,089	6.3	527	9.8	321	6.0	206	3.8	692	12.8
Adams	5,058	18.1	449	8.9	1,213	24.0	1,540	5.5	61	12.1	40	7.9	21	4.2	74	14.5
Alamosa	273	21.3	21	7.7	41	15.0	90	7.0	2	7.3	1	3.7	1	3.7	4	14.5
Arapahoe	6,269	16.0	451	7.2	780	12.4	1,665	4.2	68	10.8	32	5.1	36	5.7	62	9.8
Archuleta	88	16.1	4	4.5	17	19.3	30	5.5	0	0.0	0	0.0	0	0.0	0	0.0
Baca	74	16.9	9	12.2	8	10.8	48	11.0	0	0.0	0	0.0	0	0.0	1	13.3
Bent	65	11.5	4	6.2	12	18.5	55	9.8	0	0.0	0	0.0	0	0.0	1	15.2
Boulder	3,251	14.9	193	5.9	384	11.8	1,061	4.9	17	5.2	9	2.8	8	2.5	25	7.7
Chaffee	129	10.3	13	10.1	18	14.0	107	8.6	0	0.0	0	0.0	0	0.0	4	30.1
Cheyenne	37	15.8	1	2.7	0	0.0	27	11.6	1	27.0	1	27.0	0	0.0	1	27.0
Clear Creek	131	16.2	11	8.4	14	10.7	26	3.2	0	0.0	0	0.0	0	0.0	1	7.6
Conejos	137	16.8	9	6.6	24	17.5	71	8.7	1	7.3	1	7.3	0	0.0	2	14.5
Costilla	57	17.5	3	5.3	11	19.3	24	7.3	0	0.0	0	0.0	0	0.0	0	0.0
Crowley	42	10.7	1	2.4	4	9.5	33	8.4	1	23.8	0	0.0	1	23.8	0	0.0
Custer	25	11.6	1	4.0	5	20.0	6	2.8	0	0.0	0	0.0	0	0.0	0	0.0
Delta	259	11.1	16	6.2	46	17.8	266	11.4	3	11.6	3	11.6	0	0.0	6	22.9
Denver	8,856	17.1	860	9.7	3,104	35.0	4,509	8.7	102	11.5	64	7.2	38	4.3	143	16.0
Dolores	29	19.5	2	6.9	7	24.1	13	8.7	0	0.0	0	0.0	0	0.0	0	0.0
Douglas	853	18.3	64	7.5	55	6.4	133	2.9	7	8.2	4	4.7	3	3.5	8	9.3
Eagle	370	18.7	37	10.0	37	10.0	61	3.1	3	8.1	1	2.7	2	5.4	4	10.7
Elbert	147	16.5	15	10.2	7	4.8	40	4.5	0	0.0	0	0.0	0	0.0	0	0.0
El Paso	7,642	19.6	623	8.2	1,134	14.8	2,118	5.4	85	11.1	52	6.8	33	4.3	102	13.3
Fremont	364	12.0	30	8.2	89	24.5	358	11.8	2	5.5	1	2.7	1	2.7	5	13.6
Garfield	424	16.2	25	5.9	41	9.7	193	7.4	5	11.8	4	9.4	1	2.4	8	18.7
Gilpin	58	20.0	2	3.4	6	10.3	10	3.5	0	0.0	0	0.0	0	0.0	0	0.0
Grand	122	12.3	6	4.9	9	7.4	37	3.7	0	0.0	0	0.0	0	0.0	2	16.1
Gunnison	126	10.4	17	13.5	15	11.9	58	4.8	2	15.9	1	7.9	1	7.9	3	23.4
Hinsdale	8	21.9	1	12.5	1	12.5	2	5.5	0	0.0	0	0.0	0	0.0	0	0.0
Huerfano	71	9.8	9	12.7	15	21.1	69	9.6	1	14.1	1	14.1	0	0.0	2	27.8
Jackson	20	13.0	3	15.0	1	5.0	12	7.8	0	0.0	0	0.0	0	0.0	0	0.0
Jefferson	6,551	15.3	477	7.3	822	12.5	2,161	5.0	48	7.3	24	3.7	24	3.7	60	9.1
Kiowa	25	14.1	1	4.0	3	12.0	16	9.0	0	0.0	0	0.0	0	0.0	0	0.0
Kit Carson	118	15.5	6	5.1	8	6.8	51	6.7	0	0.0	0	0.0	0	0.0	0	0.0
Lake	89	13.6	12	13.5	23	25.8	32	4.9	3	33.7	3	33.7	0	0.0	4	44.4
La Plata	486	15.9	50	10.3	94	19.3	192	6.3	3	6.2	2	4.1	1	2.1	9	18.3
Larimer	2,660	14.8	168	6.3	355	13.3	1,015	5.6	22	8.3	14	5.3	8	3.0	28	10.5
Las Animas	191	13.7	13	6.8	61	31.9	197	14.1	2	10.5	2	10.5	0	0.0	2	10.5
Lincoln	67	15.2	2	3.0	3	4.5	51	11.5	1	14.9	1	14.9	0	0.0	3	43.5
Logan	257	13.6	13	5.1	39	15.2	170	9.0	1	3.9	1	3.9	0	0.0	5	19.2
Mesa	1,176	13.4	94	8.0	206	17.5	751	8.6	12	10.2	8	6.8	4	3.4	17	14.3
Mineral	14	19.8	0	0.0	0	0.0	1	1.4	0	0.0	0	0.0	0	0.0	0	0.0
Moffat	184	15.2	12	6.5	18	9.8	63	5.2	1	5.4	0	0.0	1	5.4	1	5.4
Montezuma	319	18.2	23	7.2	78	24.5	144	8.2	5	15.7	3	9.4	2	6.3	5	15.6
Montrose	276	10.9	31	11.2	33	12.0	228	9.0	8	29.0	8	29.0	0	0.0	8	29.0
Morgan	349	15.9	24	6.9	53	15.2	230	10.5	4	11.5	3	8.6	1	2.9	6	17.0
Otero	334	15.3	23	6.9	81	24.3	238	10.9	3	9.0	2	6.0	1	3.0	4	11.9
Ouray	24	13.2	5	20.8	2	8.3	16	8.8	1	41.7	1	41.7	0	0.0	1	41.7
Park	95	14.8	9	9.5	10	10.5	41	6.4	1	10.5	0	0.0	1	10.5		0.0
Phillips	45	9.9	2	4.4	3	6.7	56	12.3	0	0.0	0	0.0	0	0.0	1	21.7
Pitkin	159	11.8	13	8.2	20	12.6	27	2.0	0	0.0	0	0.0	0	0.0	3	18.5
Prowers	245	17.7	21	8.6	60	24.5	148	10.7	2	8.2	2	8.2	0	0.0	2	8.2
Pueblo	1,780	13.8	128	7.2	544	30.6	1,205	9.4	10	5.6	6	3.4	4	2.2	22	12.2
Rio Blanco	96	16.7	6	6.3	11	11.5	37	6.4	0	0.0	0	0.0	0	0.0	0	0.0
Rio Grande	193	16.4	23	11.9	44	22.8	115	9.7	0	0.0	0	0.0	0	0.0	1	5.2
Routt	181	12.3	19	10.5	12	6.6	60	4.1	2	11.0	1	5.5	1	5.5	4	21.7
Saguache	87	21.9	5	5.7	19	21.8	31	7.8	0	0.0	0	0.0	0	0.0	0	0.0
San Juan	17	23.1	1	5.9	4	23.5	4	5.4	0	0.0	0	0.0	0	0.0	0	0.0
San Miguel	47	12.4	3	6.4	5	10.6	8	2.1	1	21.3	0	0.0	1	21.3	0	0.0

	Live Births		Low Weight Births		Births to Unmarried Women		Total Deaths		Infant Deaths		Neonatal Deaths		Postneonatal Deaths		Perinatal Deaths	
County/Region	Number	Rate	Number	Percent	Number	Percent	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Sedgwick	31	10.8	1	3.2	4	12.9	38	13.3	0	0.0	0	0.0	0	0.0	0	0.0
Summit	188	12.7	12	6.4	13	6.9	16	1.1	2	10.6	1	5.3	1	5.3	1	5.3
Teller	191	16.8	23	12.0	25	13.1	57	5.0	2	10.5	1	5.2	1	5.2	3	15.5
Washington	75	14.9	2	2.7	6	8.0	54	10.7	1	13.3	1	13.3	0	0.0	1	13.3
Weld	2,143	15.3	155	7.2	399	18.6	874	6.3	30	14.0	21	9.8	9	4.2	41	19.0
Yuma	125	12.9	8	6.4	11	8.8	100	10.3	1	8.0	1	8.0	0	0.0	2	15.9
Planning and Management Regions																
PMR 1	882	14.0	50	5.7	116	13.2	648	10.3	7	7.9	6	6.8	1	1.1	15	16.8
2	4,803	15.0	323	6.7	754	15.7	1,889	5.9	52	10.8	35	7.3	17	3.5	69	14.3
3	31,027	16.4	2,507	8.1	6,378	20.6	11,105	5.9	303	9.8	173	5.6	130	4.2	373	11.9
4	7,928	19.4	655	8.3	1,169	14.7	2,216	5.4	88	11.1	53	6.7	35	4.4	105	13.2
5	369	15.8	24	6.5	18	4.9	169	7.3	2	5.4	2	5.4	0	0.0	4	10.8
6	785	15.3	59	7.5	168	21.4	538	10.5	6	7.6	4	5.1	2	2.5	8	10.1
7	1,780	13.8	128	7.2	544	30.6	1,205	9.4	10	5.6	6	3.4	4	2.2	22	12.2
8	761	18.7	61	8.0	139	18.3	332	8.2	3	3.9	2	2.6	1	1.3	7	9.1
9	939	16.8	80	8.5	200	21.3	383	6.9	8	8.5	5	5.3	3	3.2	14	14.8
10	740	11.1	73	9.9	102	13.8	578	8.7	15	20.3	13	17.6	2	2.7	18	24.2
11	1,880	14.3	137	7.3	276	14.7	1,044	7.9	18	9.6	12	6.4	6	3.2	26	13.7
12	1,040	14.0	90	8.7	92	8.8	213	2.9	7	6.7	3	2.9	4	3.8	14	13.3
13	607	11.8	56	9.2	135	22.2	503	9.8	5	8.2	4	6.6	1	1.6	13	21.1
14	262	12.4	22	8.4	76	29.0	266	12.6	3	11.5	3	11.5	0	0.0	4	15.2
Metro/Non-Metro																
Denver PMSA	27,587	16.6	2,301	8.3	5,974	21.7	10,008	6.0	286	10.4	164	5.9	122	4.4	347	12.5
Denver CMSA	30,838	16.4	2,494	8.1	6,358	20.6	11,069	5.9	303	9.8	173	5.6	130	4.2	372	12.0
Total Metro	45,063	16.6	3,568	7.9	8,790	19.5	16,281	6.0	450	10.0	266	5.9	184	4.1	565	12.5
Non-Metro	8,740	14.4	697	8.0	1,377	15.8	4,808	7.9	77	8.8	55	6.3	22	2.5	127	14.4
Five-Region Substate Groups																
Front Range	45,063	16.6	3,568	7.9	8,790	19.5	16,281	6.0	450	10.0	266	5.9	184	4.1	565	12.5
Western Slope	4,599	14.0	380	8.3	670	14.6	2,218	6.8	48	10.4	33	7.2	15	3.3	72	15.5
Eastern Plains	2,036	14.8	133	6.5	302	14.8	1,355	9.8	15	7.4	12	5.9	3	1.5	27	13.2
San Luis Valley	761	18.7	61	8.0	139	18.3	332	8.2	3	3.9	2	2.6	1	1.3	7	9.1
Eastern Mtns	1,344	13.3	123	9.2	266	19.8	903	8.9	11	8.2	8	6.0	3	2.2	21	15.5
Population-Based Regions																
1 Denver	8,856	17.1	860	9.7	3,104	35.0	4,509	8.7	102	11.5	64	7.2	38	4.3	143	16.0
2 Jefferson	6,551	15.3	477	7.3	822	12.5	2,161	5.0	48	7.3	24	3.7	24	3.7	60	9.1
3 Boulder	3,251	14.9	193	5.9	384	11.8	1,061	4.9	17	5.2	9	2.8	8	2.5	25	7.7
4 Adams	5,058	18.1	449	8.9	1,213	24.0	1,540	5.5	61	12.1	40	7.9	21	4.2	74	14.5
5 Arapahoe	6,269	16.0	451	7.2	780	12.4	1,665	4.2	68	10.8	32	5.1	36	5.7	62	9.8
6 El Paso	7,642	19.6	623	8.2	1,134	14.8	2,118	5.4	85	11.1	52	6.8	33	4.3	102	13.3
7 Larimer	2,660	14.8	168	6.3	355	13.3	1,015	5.6	22	8.3	14	5.3	8	3.0	28	10.5
8 Pueblo	1,780	13.8	128	7.2	544	30.6	1,205	9.4	10	5.6	6	3.4	4	2.2	22	12.2
9 Weld	2,143	15.3	155	7.2	399	18.6	874	6.3	30	14.0	21	9.8	9	4.2	41	19.0
10 Northwest Reg	1,880	14.3	137	7.3	276	14.7	1,044	7.9	18	9.6	12	6.4	6	3.2	26	13.7
11 Western Reg	1,780	12.6	163	9.2	194	10.9	791	5.6	22	12.4	16	9.0	6	3.4	32	17.8
12 Eastern Reg	2,036	14.8	133	6.5	302	14.8	1,355	9.8	15	7.4	12	5.9	3	1.5	27	13.2
13 Central Reg	1,935	15.3	165	8.5	245	12.7	770	6.1	15	7.8	9	4.7	6	3.1	25	12.8
14 Southern Reg	1,962	16.7	163	8.3	415	21.2	981	8.3	14	7.1	10	5.1	4	2.0	25	12.6

Birth and death rates are events per 1,000 population. Infant, neonatal, and postneonatal mortality rates are events per 1,000 live births. Perinatal mortality rate is perinatal deaths per 1,000 live births and spontaneous fetal deaths of 20+ weeks gestation. See technical notes for definitions of data items. See inside back ocver for descriptions of regions.

Table 5. Vital Statistics Summary by County and Region: Colorado Residents, Five-Year Annual Average, 1983-87

Place	Live Births		Low Weight Births		Births to Unmarried Women		Total Deaths		Infant Deaths		Neonatal Deaths		Postneonatal Deaths		Perinatal Deaths	
	Number	Rate	Number	Percent	Number	Percent	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Colorado	54,609	16.9	4,251	7.8	9,091	16.6	20,396	6.3	524	9.6	311	5.7	214	3.9	722	13.1
Adams	5,136	19.1	439	8.5	1,080	21.0	1,390	5.2	53	10.3	32	6.2	21	4.1	69	13.3
Alamosa	256	20.5	18	7.0	39	15.2	87	7.0	1	3.9	1	3.9	0	0.0	4	15.4
Arapahoe	6,207	16.4	443	7.1	656	10.6	1,595	4.2	57	9.2	31	5.0	26	4.2	73	11.7
Archuleta	97	18.7	8	8.2	14	14.4	29	5.6	1	10.3	0	0.0	0	0.0	2	20.2
Baca	77	16.1	5	6.5	7	9.1	55	11.5	0	0.0	0	0.0	0	0.0	1	12.8
Bent	72	12.6	6	8.3	13	18.1	64	11.2	1	13.9	0	0.0	0	0.0	1	13.7
Boulder	3,234	15.3	185	5.7	341	10.5	1,027	4.9	27	8.3	15	4.6	11	3.4	37	11.4
Chaffee	168	13.7	15	8.9	21	12.5	120	9.8	1	6.0	0	0.0	1	6.0	2	11.8
Cheyenne	47	19.3	2	4.3	1	2.1	23	9.4	0	0.0	0	0.0	0	0.0	1	20.8
Clear Creek	139	18.1	12	8.6	11	7.9	35	4.5	0	0.0	0	0.0	0	0.0	1	7.1
Conejos	144	18.1	11	7.6	22	15.3	65	8.2	0	0.0	0	0.0	0	0.0	2	13.7
Costilla	48	14.3	4	8.3	11	22.9	26	7.8	0	0.0	0	0.0	0	0.0	0	0.0
Crowley	47	14.6	3	6.4	10	21.3	38	11.8	0	0.0	0	0.0	0	0.0	1	20.8
Custer	26	12.4	2	7.7	3	11.5	14	6.7	0	0.0	0	0.0	0	0.0	0	0.0
Delta	315	13.1	22	7.0	45	14.3	259	10.8	3	9.5	2	6.3	1	3.2	4	12.6
Denver	8,996	17.6	821	9.1	2,810	31.2	4,580	9.0	102	11.3	62	6.9	40	4.4	138	15.2
Dolores	28	18.3	2	7.1	4	14.3	11	7.2	0	0.0	0	0.0	0	0.0	0	0.0
Douglas	690	18.8	46	6.7	35	5.1	129	3.5	7	10.1	3	4.3	4	5.8	7	10.1
Eagle	370	20.3	33	8.9	33	8.9	49	2.7	2	5.4	1	2.7	1	2.7	2	5.4
Elbert	127	15.0	9	7.1	8	6.3	45	5.3	1	7.9	1	7.9	0	0.0	1	7.9
El Paso	7,121	19.3	595	8.4	971	13.6	1,922	5.2	72	10.1	40	5.6	32	4.5	93	13.0
Fremont	384	12.7	33	8.6	68	17.7	375	12.4	4	10.4	2	5.2	2	5.2	5	12.9
Garfield	474	18.9	31	6.5	45	9.5	169	6.7	4	8.4	3	6.3	1	2.1	7	14.6
Gilpin	51	18.7	6	11.8	4	7.8	12	4.4	0	0.0	0	0.0	0	0.0	0	0.0
Grand	144	15.0	12	8.3	14	9.7	35	3.6	1	6.9	0	0.0	1	6.9	1	6.9
Gunnison	139	12.5	13	9.4	10	7.2	46	4.1	1	7.2	1	7.2	1	7.2	2	14.3
Hinsdale	8	21.3	1	12.5	0	0.0	1	2.7	0	0.0	0	0.0	0	0.0	0	0.0
Huerfano	81	11.2	7	8.6	21	25.9	74	10.3	1	12.3	1	12.3	0	0.0	2	24.4
Jackson	23	14.4	2	8.7	1	4.3	8	5.0	0	0.0	0	0.0	0	0.0	0	0.0
Jefferson	6,588	15.9	472	7.2	697	10.6	2,104	5.1	54	8.2	32	4.9	22	3.3	73	11.0
Kiowa	30	16.2	2	6.7	2	6.7	16	8.6	0	0.0	0	0.0	0	0.0	1	32.3
Kit Carson	121	15.6	7	5.8	11	9.1	75	9.7	1	8.3	1	8.3	0	0.0	2	16.4
Lake	111	16.0	14	12.6	14	12.6	34	4.9	1	9.0	1	9.0	0	0.0	2	17.9
La Plata	518	16.8	39	7.5	74	14.3	191	6.2	6	11.6	4	7.7	2	3.9	10	19.1
Larimer	2,725	16.0	177	6.5	304	11.2	966	5.7	24	8.8	15	5.5	9	3.3	32	11.7
Las Animas	197	13.8	15	7.6	49	24.9	186	13.0	1	5.1	1	5.1	1	5.1	3	15.1
Lincoln	80	17.3	4	5.0	6	7.5	51	11.0	1	12.5	1	12.5	0	0.0	1	12.5
Logan	289	14.6	18	6.2	31	10.7	170	8.6	3	10.4	2	6.9	1	3.5	5	17.1
Mesa	1,458	16.5	106	7.3	193	13.2	711	8.0	13	8.9	8	5.5	5	3.4	18	12.3
Mineral	14	18.3	0	0.0	1	7.1	4	5.2	0	0.0	0	0.0	0	0.0	0	0.0
Moffat	233	18.5	18	7.7	22	9.4	66	5.2	2	8.6	1	4.3	1	4.3	2	8.5
Montezuma	336	18.7	24	7.1	68	20.2	135	7.5	5	14.9	4	11.9	1	3.0	6	17.8
Montrose	347	13.6	27	7.8	42	12.1	217	8.5	4	11.5	3	8.6	1	2.9	6	17.1
Morgan	407	17.8	29	7.1	54	13.3	223	9.8	6	14.7	4	9.8	2	4.9	8	19.5
Otero	370	16.7	29	7.8	96	25.9	235	10.6	4	10.8	2	5.4	2	5.4	3	8.1
Ouray	28	14.2	2	7.1	2	7.1	15	7.6	0	0.0	0	0.0	0	0.0	1	34.5
Park	114	18.9	13	11.4	11	9.6	28	4.6	1	8.8	0	0.0	0	0.0	3	25.6
Phillips	62	13.8	1	1.6	2	3.2	52	11.6	0	0.0	0	0.0	0	0.0	0	0.0
Pitkin	159	13.1	16	10.1	13	8.2	27	2.2	1	6.3	1	6.3	1	6.3	2	12.5
Prowers	295	20.9	22	7.5	57	19.3	127	9.0	2	6.8	1	3.4	1	3.4	3	10.1
Pueblo	1,851	14.6	148	8.0	521	28.1	1,128	8.9	20	10.8	12	6.5	8	4.3	25	13.4
Rio Blanco	119	19.9	6	5.0	9	7.6	35	5.8	0	0.0	0	0.0	0	0.0	1	8.3
Rio Grande	210	18.4	24	11.4	42	20.0	109	9.5	2	9.5	1	4.8	0	0.0	3	14.2
Routt	224	15.3	17	7.6	15	6.7	61	4.2	1	4.5	1	4.5	1	4.5	4	17.6
Saguache	85	21.7	8	9.4	19	22.4	34	8.7	0	0.0	0	0.0	0	0.0	0	0.0
San Juan	20	26.6	3	15.0	3	15.0	5	6.6	0	0.0	0	0.0	0	0.0	0	0.0
San Miguel	54	15.5	5	9.3	5	9.3	10	2.9	1	18.5	0	0.0	0	0.0	1	18.2

Place	Live Births		Low Weight Births		Births to Unmarried Women		Total Deaths		Infant Deaths		Neonatal Deaths		Postneonatal Deaths		Perinatal Deaths	
	Number	Rate	Number	Percent	Number	Percent	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Sedgwick	38	12.3	2	5.3	5	13.2	36	11.7	0	0.0	0	0.0	0	0.0	0	0.0
Summit	221	16.2	22	10.0	16	7.2	19	1.4	3	13.6	2	9.0	1	4.5	3	13.5
Teller	188	17.7	19	10.1	16	8.5	58	5.5	1	5.3	0	0.0	0	0.0	3	15.7
Washington	82	15.4	3	3.7	7	8.5	57	10.7	1	12.2	0	0.0	0	0.0	1	12.0
Weld	2,232	16.3	167	7.5	375	16.8	826	6.0	24	10.8	15	6.7	8	3.6	38	16.9
Yuma	155	15.6	8	5.2	10	6.5	102	10.3	1	6.5	1	6.5	0	0.0	2	12.8
Planning and Management Regions																
PMR 1	1,033	15.8	61	5.9	109	10.6	640	9.8	11	10.6	7	6.8	3	2.9	16	15.4
2	4,957	16.1	344	6.9	679	13.7	1,792	5.8	48	9.7	30	6.1	17	3.4	70	14.0
3	31,041	16.9	2,424	7.8	5,634	18.2	10,872	5.9	300	9.7	175	5.6	124	4.0	398	12.7
4	7,423	19.2	627	8.4	998	13.4	2,008	5.2	74	10.0	40	5.4	32	4.3	99	13.2
5	375	16.1	22	5.9	26	6.9	194	8.3	3	8.0	3	8.0	0	0.0	5	13.3
6	891	17.2	67	7.5	185	20.8	535	10.3	7	7.9	3	3.4	3	3.4	10	11.1
7	1,851	14.6	148	8.0	521	28.1	1,128	8.9	20	10.8	12	6.5	8	4.3	25	13.4
8	757	19.0	65	8.6	134	17.7	325	8.1	3	4.0	2	2.6	0	0.0	9	11.8
9	999	17.7	76	7.6	163	16.3	371	6.6	12	12.0	8	8.0	3	3.0	18	17.8
10	891	13.4	70	7.9	104	11.7	548	8.2	9	10.1	6	6.7	3	3.4	14	15.6
11	2,284	17.3	161	7.0	269	11.8	981	7.4	19	8.3	12	5.3	7	3.1	28	12.2
12	1,141	16.3	102	8.9	92	8.1	199	2.8	8	7.0	5	4.4	5	4.4	12	10.5
13	689	13.4	64	9.3	106	15.4	543	10.5	6	8.7	3	4.4	3	4.4	9	12.9
14	278	12.9	22	7.9	70	25.2	260	12.1	2	7.2	2	7.2	1	3.6	5	17.8
Metro/Non-Metro																
Denver PMSA	27,617	17.1	2,221	8.0	5,278	19.1	9,798	6.1	273	9.9	160	5.8	113	4.1	360	12.9
Denver CMSA	30,851	16.9	2,406	7.8	5,619	18.2	10,825	5.9	300	9.7	175	5.7	124	4.0	397	12.8
Total Metro	44,780	17.1	3,493	7.8	7,790	17.4	15,667	6.0	440	9.8	257	5.7	181	4.0	585	13.0
Non-Metro	9,830	16.2	760	7.7	1,300	13.2	4,729	7.8	82	8.3	51	5.2	28	2.8	133	13.4
Five-Region Substate Groups																
Front Range	44,780	17.1	3,493	7.8	7,790	17.4	15,667	6.0	440	9.8	257	5.7	181	4.0	585	13.0
Western Slope	5,315	16.4	409	7.7	628	11.8	2,099	6.5	48	9.0	31	5.8	18	3.4	72	13.4
Eastern Plains	2,299	16.4	150	6.5	320	13.9	1,369	9.7	21	9.1	13	5.7	6	2.6	31	13.4
San Luis Valley	757	19.0	65	8.6	134	17.7	325	8.1	3	4.0	2	2.6	0	0.0	9	11.8
Eastern Mtns	1,459	14.6	136	9.3	218	14.9	936	9.4	10	6.9	5	3.4	4	2.7	21	14.2
Population-Based Regions																
1 Denver	8,996	17.6	821	9.1	2,810	31.2	4,580	9.0	102	11.3	62	6.9	40	4.4	138	15.2
2 Jefferson	6,588	15.9	472	7.2	697	10.6	2,104	5.1	54	8.2	32	4.9	22	3.3	73	11.0
3 Boulder	3,234	15.3	185	5.7	341	10.5	1,027	4.9	27	8.3	15	4.6	11	3.4	37	11.4
4 Adams	5,136	19.1	439	8.5	1,080	21.0	1,390	5.2	53	10.3	32	6.2	21	4.1	69	13.3
5 Arapahoe	6,207	16.4	443	7.1	656	10.6	1,595	4.2	57	9.2	31	5.0	26	4.2	73	11.7
6 El Paso	7,121	19.3	595	8.4	971	13.6	1,922	5.2	72	10.1	40	5.6	32	4.5	93	13.0
7 Larimer	2,725	16.0	177	6.5	304	11.2	966	5.7	24	8.8	15	5.5	9	3.3	32	11.7
8 Pueblo	1,851	14.6	148	8.0	521	28.1	1,128	8.9	20	10.8	12	6.5	8	4.3	25	13.4
9 Weld	2,232	16.3	167	7.5	375	16.8	826	6.0	24	10.8	15	6.7	8	3.6	38	16.9
10 Northwest Reg	2,284	17.3	161	7.0	269	11.8	981	7.4	19	8.3	12	5.3	7	3.1	28	12.2
11 Western Reg	2,032	14.9	172	8.5	196	9.6	747	5.5	17	8.4	11	5.4	8	3.9	26	12.7
12 Eastern Reg	2,299	16.4	150	6.5	320	13.9	1,369	9.7	21	9.1	13	5.7	6	2.6	31	13.4
13 Central Reg	1,871	16.2	160	8.6	183	9.8	805	7.0	15	8.0	6	3.2	7	3.7	23	12.2
14 Southern Reg	2,034	17.3	163	8.0	367	18.0	956	8.1	17	8.4	12	5.9	4	2.0	32	15.6

All rates are based on five-year average annual counts expressed as whole numbers. Birth and death rates are per 1,000 midyear population. Infant, neonatal, and postneonatal mortality rates are events per 1,000 live births. Perinatal mortality rate is perinatal deaths per 1,000 live births and spontaneous fetal deaths of 20+ weeks gestation. Counts may not add to total because of rounding. See inside back cover for descriptions of regions.

Table 6. Vital Statistics Summary by County and Region: Colorado Occurrence, 1987

Place	Live Births		Low Weight Births		Births to Unmarried Women		Total Deaths		Infant Deaths		Neonatal Deaths		Postneonatal Deaths	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Colorado	54,096	100.0	4,369	100.0	10,165	100.0	21,565	100.0	561	100.0	345	100.0	216	100.0
Adams	3,155	5.8	276	6.3	457	4.5	1,312	6.1	31	5.5	12	3.5	19	8.8
Alamosa	541	1.0	35	0.8	97	1.0	98	0.5	2	0.4	1	0.3	1	0.5
Arapahoe	6,179	11.4	430	9.8	510	5.0	1,378	6.4	61	10.9	29	8.4	32	14.8
Archuleta	3	0.0	0	0.0	0	0.0	20	0.1	0	0.0	0	0.0	0	0.0
Baca	38	0.1	2	0.0	7	0.1	40	0.2	0	0.0	0	0.0	0	0.0
Bent	0	0.0	0	0.0	0	0.0	66	0.3	0	0.0	0	0.0	0	0.0
Boulder	3,137	5.8	146	3.3	325	3.2	939	4.4	8	1.4	1	0.3	7	3.2
Chaffee	172	0.3	13	0.3	26	0.3	102	0.5	0	0.0	0	0.0	0	0.0
Cheyenne	16	0.0	1	0.0	0	0.0	20	0.1	1	0.2	1	0.3	0	0.0
Clear Creek	1	0.0	0	0.0	0	0.0	15	0.1	0	0.0	0	0.0	0	0.0
Conejos	103	0.2	8	0.2	19	0.2	67	0.3	0	0.0	0	0.0	0	0.0
Costilla	0	0.0	0	0.0	0	0.0	19	0.1	0	0.0	0	0.0	0	0.0
Crowley	0	0.0	0	0.0	0	0.0	19	0.1	1	0.2	0	0.0	1	0.5
Custer	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0
Delta	229	0.4	9	0.2	42	0.4	231	1.1	1	0.2	1	0.3	0	0.0
Denver	17,968	33.2	1,856	42.5	5,127	50.4	6,011	27.9	288	51.3	206	59.7	82	38.0
Dolores	0	0.0	0	0.0	0	0.0	5	0.0	0	0.0	0	0.0	0	0.0
Douglas	4	0.0	1	0.0	0	0.0	70	0.3	2	0.4	1	0.3	1	0.5
Eagle	290	0.5	19	0.4	23	0.2	58	0.3	2	0.4	0	0.0	2	0.9
Elbert	1	0.0	1	0.0	0	0.0	21	0.1	0	0.0	0	0.0	0	0.0
El Paso	7,863	14.5	640	14.6	1,175	11.6	2,159	10.0	75	13.4	42	12.2	33	15.3
Fremont	248	0.5	9	0.2	64	0.6	330	1.5	1	0.2	0	0.0	1	0.5
Garfield	493	0.9	24	0.5	38	0.4	177	0.8	3	0.5	2	0.6	1	0.5
Gilpin	1	0.0	0	0.0	0	0.0	9	0.0	0	0.0	0	0.0	0	0.0
Grand	65	0.1	4	0.1	5	0.0	43	0.2	0	0.0	0	0.0	0	0.0
Gunnison	120	0.2	9	0.2	12	0.1	58	0.3	2	0.4	0	0.0	2	0.9
Hinsdale	0	0.0	0	0.0	0	0.0	4	0.0	0	0.0	0	0.0	0	0.0
Huerfano	27	0.0	5	0.1	7	0.1	52	0.2	0	0.0	0	0.0	0	0.0
Jackson	0	0.0	0	0.0	0	0.0	10	0.0	0	0.0	0	0.0	0	0.0
Jefferson	1,897	3.5	139	3.2	135	1.3	2,114	9.8	16	2.9	6	1.7	10	4.6
Kiowa	20	0.0	2	0.0	3	0.0	13	0.1	0	0.0	0	0.0	0	0.0
Kit Carson	147	0.3	3	0.1	10	0.1	39	0.2	0	0.0	0	0.0	0	0.0
Lake	78	0.1	8	0.2	23	0.2	18	0.1	1	0.2	1	0.3	0	0.0
La Plata	797	1.5	61	1.4	144	1.4	212	1.0	2	0.4	2	0.6	0	0.0
Larimer	2,741	5.1	164	3.8	349	3.4	1,009	4.7	14	2.5	10	2.9	4	1.9
Las Animas	155	0.3	8	0.2	53	0.5	159	0.7	0	0.0	0	0.0	0	0.0
Lincoln	60	0.1	1	0.0	0	0.0	61	0.3	0	0.0	0	0.0	0	0.0
Logan	259	0.5	8	0.2	36	0.4	164	0.8	0	0.0	0	0.0	0	0.0
Mesa	1,363	2.5	128	2.9	224	2.2	851	3.9	14	2.5	11	3.2	3	1.4
Mineral	0	0.0	0	0.0	0	0.0	7	0.0	0	0.0	0	0.0	0	0.0
Moffat	162	0.3	5	0.1	18	0.2	58	0.3	1	0.2	0	0.0	1	0.5
Montezuma	270	0.5	16	0.4	52	0.5	131	0.6	2	0.4	1	0.3	1	0.5
Montrose	258	0.5	23	0.5	31	0.3	200	0.9	3	0.5	3	0.9	0	0.0
Morgan	316	0.6	15	0.3	53	0.5	228	1.1	3	0.5	2	0.6	1	0.5
Otero	414	0.8	23	0.5	93	0.9	224	1.0	1	0.2	0	0.0	1	0.5
Ouray	2	0.0	0	0.0	0	0.0	10	0.0	0	0.0	0	0.0	0	0.0
Park	0	0.0	0	0.0	0	0.0	26	0.1	1	0.2	0	0.0	1	0.5
Phillips	49	0.1	3	0.1	4	0.0	48	0.2	0	0.0	0	0.0	0	0.0
Pitkin	202	0.4	10	0.2	21	0.2	32	0.1	1	0.2	1	0.3	0	0.0
Prowers	215	0.4	10	0.2	53	0.5	105	0.5	0	0.0	0	0.0	0	0.0
Pueblo	1,926	3.6	124	2.8	557	5.5	1,315	6.1	7	1.2	3	0.9	4	1.9
Rio Blanco	62	0.1	2	0.0	10	0.1	29	0.1	0	0.0	0	0.0	0	0.0
Rio Grande	98	0.2	6	0.1	23	0.2	116	0.5	0	0.0	0	0.0	0	0.0
Routt	194	0.4	11	0.3	11	0.1	60	0.3	1	0.2	0	0.0	1	0.5
Saguache	1	0.0	0	0.0	0	0.0	16	0.1	0	0.0	0	0.0	0	0.0
San Juan	0	0.0	0	0.0	0	0.0	3	0.0	0	0.0	0	0.0	0	0.0
San Miguel	3	0.0	1	0.0	1	0.0	13	0.1	1	0.2	0	0.0	1	0.5

Place	Live Births		Low Weight Births		Births to Unmarried Women		Total Deaths		Infant Deaths		Neonatal Deaths		Postneonatal Deaths	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Sedgwick	15	0.0	0	0.0	2	0.0	33	0.2	0	0.0	0	0.0	0	0.0
Summit	12	0.0	1	0.0	2	0.0	32	0.1	1	0.2	0	0.0	1	0.5
Teller	5	0.0	0	0.0	3	0.0	22	0.1	0	0.0	0	0.0	0	0.0
Washington	38	0.1	0	0.0	4	0.0	33	0.2	1	0.2	1	0.3	0	0.0
Weld	1,581	2.9	105	2.4	307	3.0	766	3.6	13	2.3	8	2.3	5	2.3
Yuma	102	0.2	4	0.1	9	0.1	84	0.4	0	0.0	0	0.0	0	0.0
Planning and Management Regions														
PMR 1	779	1.4	30	0.7	108	1.1	590	2.7	4	0.7	3	0.9	1	0.5
2	4,322	8.0	269	6.2	656	6.5	1,775	8.2	27	4.8	18	5.2	9	2.4
3	32,342	59.8	2,848	65.2	6,554	64.5	11,848	54.9	406	72.4	255	73.9	151	39.5
4	7,868	14.5	640	14.6	1,178	11.6	2,207	10.2	76	13.5	42	12.2	34	8.9
5	224	0.4	6	0.1	10	0.1	141	0.7	1	0.2	1	0.3	0	0.0
6	687	1.3	37	0.8	156	1.5	467	2.2	2	0.4	0	0.0	2	0.5
7	1,926	3.6	124	2.8	557	5.5	1,315	6.1	7	1.2	3	0.9	4	1.0
8	743	1.4	49	1.1	139	1.4	323	1.5	2	0.4	1	0.3	1	0.3
9	1,070	2.0	77	1.8	196	1.9	371	1.7	4	0.7	3	0.9	1	0.3
10	612	1.1	42	1.0	86	0.8	516	2.4	7	1.2	4	1.2	3	0.8
11	2,080	3.8	159	3.6	290	2.9	1,115	5.2	18	3.2	13	3.8	5	1.3
12	763	1.4	45	1.0	62	0.6	235	1.1	5	0.9	1	0.3	4	1.0
13	498	0.9	30	0.7	113	1.1	451	2.1	2	0.4	1	0.3	1	0.3
14	182	0.3	13	0.3	60	0.6	211	1.0	0	0.0	0	0.0	0	0.0
Metro/Non-Metro														
Denver PMSA	29,203	54.0	2,702	61.8	6,229	61.3	10,885	50.5	398	70.9	254	73.6	144	66.7
Denver CMSA	32,340	59.8	2,848	65.2	6,554	64.5	11,824	54.8	406	72.4	255	73.9	151	69.9
Total Metro	46,451	85.9	3,881	88.8	8,942	88.0	17,073	79.2	515	91.8	318	92.2	197	91.2
Non-Metro	7,645	14.1	488	11.2	1,223	12.0	4,492	20.8	46	8.2	27	7.8	19	8.8
Five-Region Substate Groups														
Front Range	46,451	85.9	3,881	88.8	8,942	88.0	17,073	79.2	515	91.8	318	92.2	197	91.2
West Slope	4,525	8.4	323	7.4	634	6.2	2,237	10.4	34	6.1	21	6.1	13	6.0
East Plains	1,690	3.1	73	1.7	274	2.7	1,198	5.6	7	1.2	4	1.2	3	1.4
San Luis Val	743	1.4	49	1.1	139	1.4	323	1.5	2	0.4	1	0.3	1	0.5
East Mtns	687	1.3	43	1.0	176	1.7	734	3.4	3	0.5	1	0.3	2	0.9
Population-Based Regions														
1 Denver	17,968	33.2	1,856	42.5	5,127	50.4	6,011	27.9	288	51.3	206	59.7	82	38.0
2 Jefferson	1,897	3.5	139	3.2	135	1.3	2,114	9.8	16	2.9	6	1.7	10	4.6
3 Boulder	3,137	5.8	146	3.3	325	3.2	939	4.4	8	1.4	1	0.3	7	3.2
4 Adams	3,155	5.8	276	6.3	457	4.5	1,312	6.1	31	5.5	12	3.5	19	8.8
5 Arapahoe	6,179	11.4	430	9.8	510	5.0	1,378	6.4	61	10.9	29	8.4	32	14.8
6 El Paso	7,863	14.5	640	14.6	1,175	11.6	2,159	10.0	75	13.4	42	12.2	33	15.3
7 Larimer	2,741	5.1	164	3.8	349	3.4	1,009	4.7	14	2.5	10	2.9	4	1.9
8 Pueblo	1,926	3.6	124	2.8	557	5.5	1,315	6.1	7	1.2	3	0.9	4	1.9
9 Weld	1,581	2.9	105	2.4	307	3.0	766	3.6	13	2.3	8	2.3	5	2.3
10 Northwest	2,080	3.8	159	3.6	290	2.9	1,115	5.2	18	3.2	13	3.8	5	2.3
11 Western	1,375	2.5	87	2.0	148	1.5	751	3.5	12	2.1	5	1.4	7	3.2
12 Eastern	1,690	3.1	73	1.7	274	2.7	1,198	5.6	7	1.2	4	1.2	3	1.4
13 Central	509	0.9	31	0.7	116	1.1	593	2.7	5	0.9	2	0.6	3	1.4
14 Southern	1,995	3.7	139	3.2	395	3.9	905	4.2	6	1.1	4	1.2	2	0.9

See technical notes for definitions of data items. See inside back cover for descriptions of regions.

Part Two. Population

Colorado's population continued to increase in 1987, increasing by an estimated 2.0 percent from 1986 in the estimates used in this report. The state's population in midyear 1987 was 3,331,230, according to figures from the Demographic Section of the Colorado Department of Local Affairs. However, the annual rate of increase has slowed from earlier in the decade, and subsequent revisions of populations show further declines in the rate of increase.

Table 7 presents historical population figures for Colorado since 1860. As this table shows, natural increase (the difference between number of live births and deaths) was responsible for the majority of population growth between 1930 and 1960. Natural increase made up about half of the state's growth in the 1960's, and about a third in the 1970's.

Net migration (the difference between the number of people entering and leaving the state) contributed about two-thirds of the state's population growth in the 1970's, and was the force behind the large population increases of the early 1980's. With sizable decreases in net migration in the last several years and an aging population expected to have fewer births, Colorado's population is expected to grow at a slower rate, perhaps remaining nearly static in some years.

The state's median age, increasing since the 1960's, reached 30.8 years in 1987. With the aging of the postwar baby-boom population and with increased lifespans over time, the median age in 1987 was the oldest ever in the state.

Table 8 shows Colorado population by age group and sex for the years 1980 through 1987. Figure 1 depicts the changing age distribution in the state's population between 1980 and 1987, with higher proportions of older persons in the population in 1987. Figure 2 further details this trend by showing the state's population by age group in 1970, 1980, and 1987. The percent distribution of each age group in the state's population for these years appears in Figure 3.

Population figures used in vital statistics are based on the best available data in a given year. The Demographic Section of the Colorado Department of Local Affairs provides the population figures used in this report, developing their age-and-sex-specific counts by county from various sources. Population figures, especially seven years after the last U.S. Census, must be considered as estimates and are not meant to be interpreted as official counts of the population. The figures used in this report are 1986-based estimates and projections.

As noted, subsequent revisions of population estimates may affect vital rates as they appear in this report. Such changes will be taken into account in future editions of Colorado Vital Statistics.

Population Figures by County and Region

Tables 9 through 13 present Colorado population figures used in this report.

Table 9.	Population by County and Region: Colorado, Selected Years, 1970-1988
Table 10.	Estimated Population, Population Growth (1986-87), and Population Density by County and Region: Colorado, 1987
Table 11.	Total Population by Age Group by County and Region: Colorado, 1987
Table 12.	Male Population by Age Group by County and Region: Colorado, 1987
Table 13.	Female Population by Age Group by County and Region: Colorado, 1987

Table 7. Population, Population Growth, Natural Increase, Net Migration,and Median Age: Colorado, Census Years, 1860-1980

		Change from Previous Decade		Natural Increase in Previous Decade					
Year	Colorado Population	Number	Percent	Births in Decade	Deaths in Decade	Natural Increase	Percent of Change	Net Migration	Median Age
1860	34,277	-	-	-	-	-	-	-	-
1870	39,864	5,587	16.3	-	-	-	-	-	-
1880	194,327	154,463	387.5	-	-	-	-	-	-
1890	413,249	218,922	112.7	-	-	-	-	-	25.7
1900	539,700	126,451	30.6	-	-	-	-	-	26.0
1910	799,024	259,324	48.0	-	-	-	-	-	26.3
1920	939,629	140,605	17.6	-	-	-	-	-	26.8
1930	1,035,791	96,162	10.2	192,841	127,989	64,852	67.4	31,310	27.3
1940	1,123,296	87,505	8.4	187,206	127,911	59,295	67.8	28,210	29.2
1950	1,325,089	201,793	18.0	264,798	120,331	144,467	71.6	57,326	29.5
1960	1,753,947	428,858	32.4	390,111	134,015	256,096	59.7	172,762	27.9
1970	2,209,596	455,649	26.0	396,810	162,615	234,195	51.4	221,454	26.2
1980	2,889,735	680,139	30.8	413,392	179,646	233,746	34.4	446,393	28.6

Population figures are April 1 census counts. Colorado became a state in 1876.

Table 8. Colorado Population by Age and Sex, 1980-87

	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
1980														
Total	2,908,277	46,132	171,751	214,536	227,638	270,292	304,460	573,220	349,292	272,594	229,689	149,490	74,691	24,492
Male	1,443,389	23,761	87,905	109,675	115,905	138,485	155,268	291,543	175,074	134,794	109,865	65,917	27,838	7,359
Female	1,464,841	22,371	83,845	104,858	111,730	131,804	149,190	281,673	174,212	137,797	119,817	83,568	46,847	17,129
1981														
Total	2,983,899	49,222	180,224	217,327	226,926	268,393	308,030	596,074	371,557	275,446	235,027	153,770	76,714	25,189
Male	1,482,023	25,335	92,297	111,161	115,719	137,593	157,409	303,489	186,522	136,294	112,106	67,946	28,771	7,381
Female	1,501,835	23,887	87,924	106,164	111,204	130,799	150,620	292,583	185,031	139,148	122,913	85,818	47,939	17,805
1982														
Total	3,071,649	52,676	190,261	222,269	227,509	267,711	312,474	619,669	396,896	279,230	239,885	158,133	79,132	25,804
Male	1,527,153	27,093	97,483	113,749	116,193	137,341	160,015	316,065	199,599	138,223	114,132	70,034	29,796	7,430
Female	1,544,454	25,583	92,776	108,516	111,314	130,369	152,457	303,601	197,292	141,004	125,748	88,091	49,332	18,371
1983														
Total	3,148,497	55,565	199,262	227,771	227,572	265,446	312,423	637,651	423,371	283,835	244,279	162,880	81,919	26,523
Male	1,566,262	28,558	102,125	116,607	116,375	136,224	160,217	325,623	213,260	140,503	115,953	72,320	30,929	7,568
Female	1,582,195	27,006	97,134	111,160	111,196	129,220	152,204	312,024	210,107	143,328	128,323	90,557	50,983	18,953
1984														
Total	3,189,667	56,774	203,777	231,373	226,703	261,069	305,686	642,707	448,198	288,638	247,454	166,130	84,036	27,122
Male	1,586,994	29,179	104,439	118,448	116,089	134,106	156,812	328,130	225,961	143,040	117,374	73,922	31,782	7,712
Female	1,602,632	27,595	99,336	112,923	110,613	126,963	148,872	314,572	222,233	145,594	130,074	92,203	52,248	19,406
1985														
Total	3,234,363	57,691	207,809	235,664	226,818	257,932	299,588	644,626	473,545	294,880	249,995	170,949	86,814	28,052
Male	1,609,470	29,656	106,504	120,633	116,284	132,643	153,761	329,137	238,915	146,279	118,580	76,225	32,884	7,969
Female	1,624,851	28,034	101,302	115,029	110,532	125,288	145,825	315,485	234,626	148,595	131,409	94,721	53,926	20,079
1986														
Total	3,267,129	58,074	210,247	239,277	227,091	255,572	293,725	637,694	496,882	302,702	252,097	175,275	89,513	28,980
Male	1,625,713	29,862	107,738	122,452	116,544	131,590	150,790	325,465	250,711	150,304	119,752	78,274	33,987	8,244
Female	1,641,385	28,211	102,509	116,823	110,543	123,981	142,933	312,225	246,168	152,395	132,343	96,996	55,523	20,735
1987														
Total	3,331,230	58,448	214,327	246,205	230,174	255,511	292,441	640,573	523,344	313,575	254,364	179,876	92,305	30,087
Male	1,658,626	30,073	109,845	125,976	118,205	131,718	150,349	327,494	264,303	155,777	120,909	80,315	35,086	8,576
Female	1,672,556	28,374	104,481	120,225	111,966	123,790	142,091	313,075	259,035	157,793	133,450	99,558	57,212	21,506

Population figures are 1986-based estimates and projections from the Demographic Section, Colorado Department of Local Affairs.

Figure 1. Change in Age Distribution of Population: Colorado, 1980 and 1987

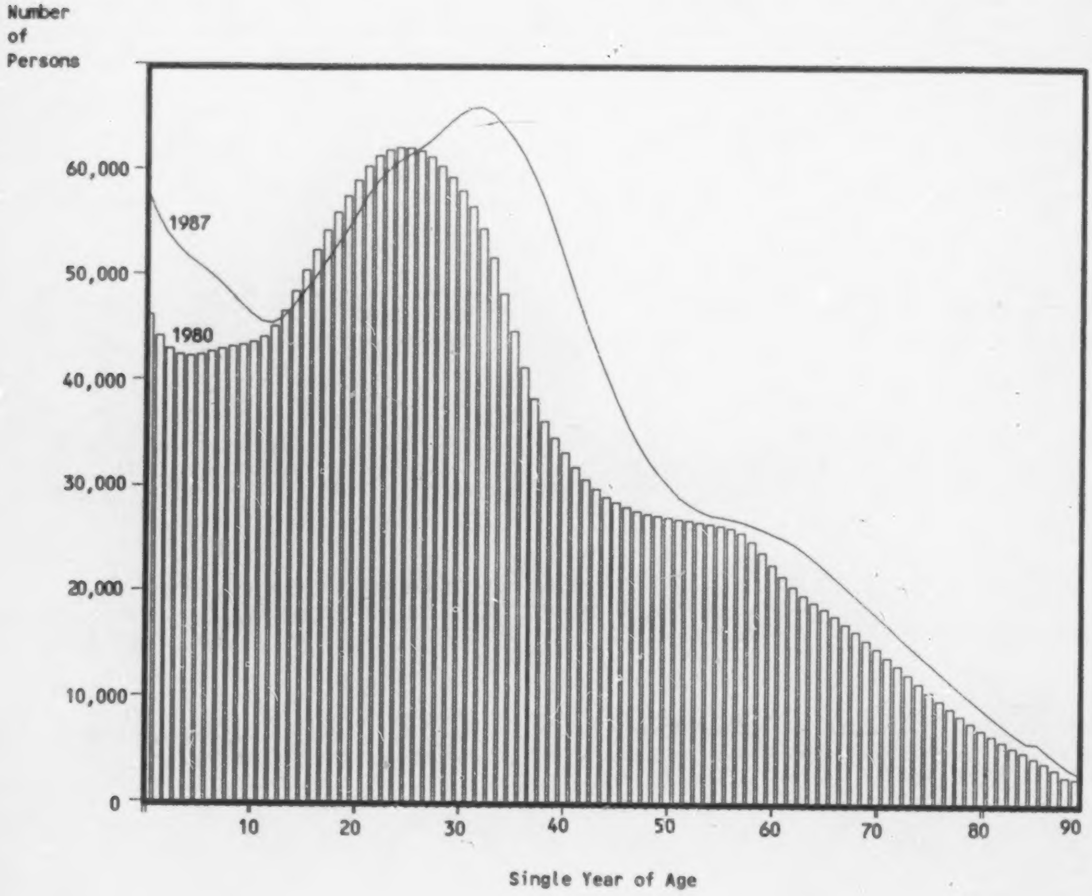


Figure 2. Population by Age Group: Colorado, 1970, 1980, and 1987

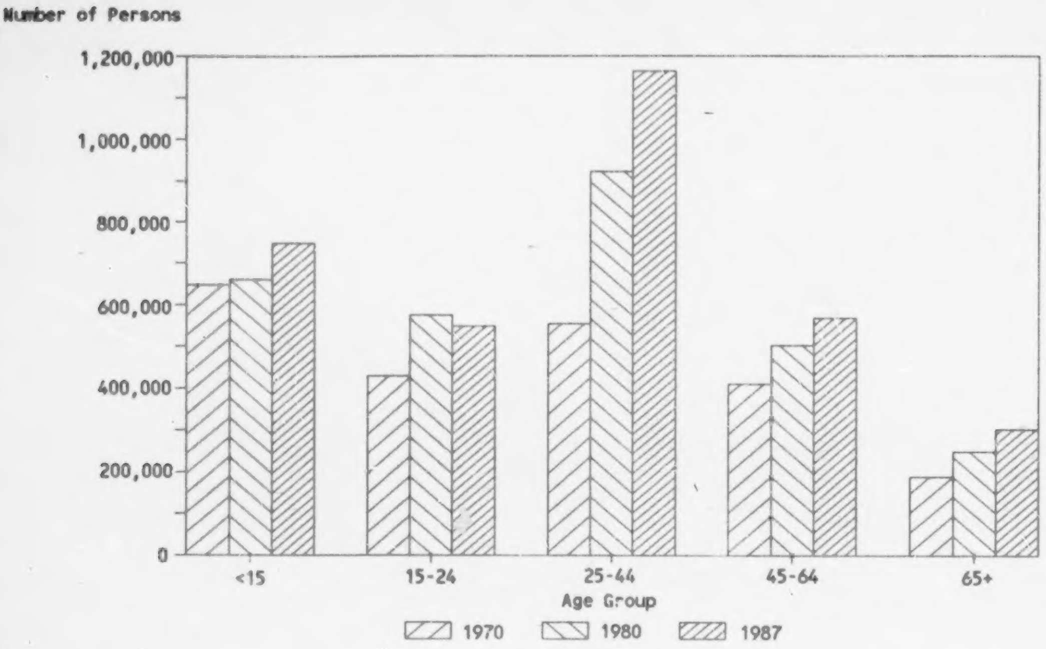


Figure 3. Percent Distribution of Population by Age Group: Colorado, 1970, 1980, 1987

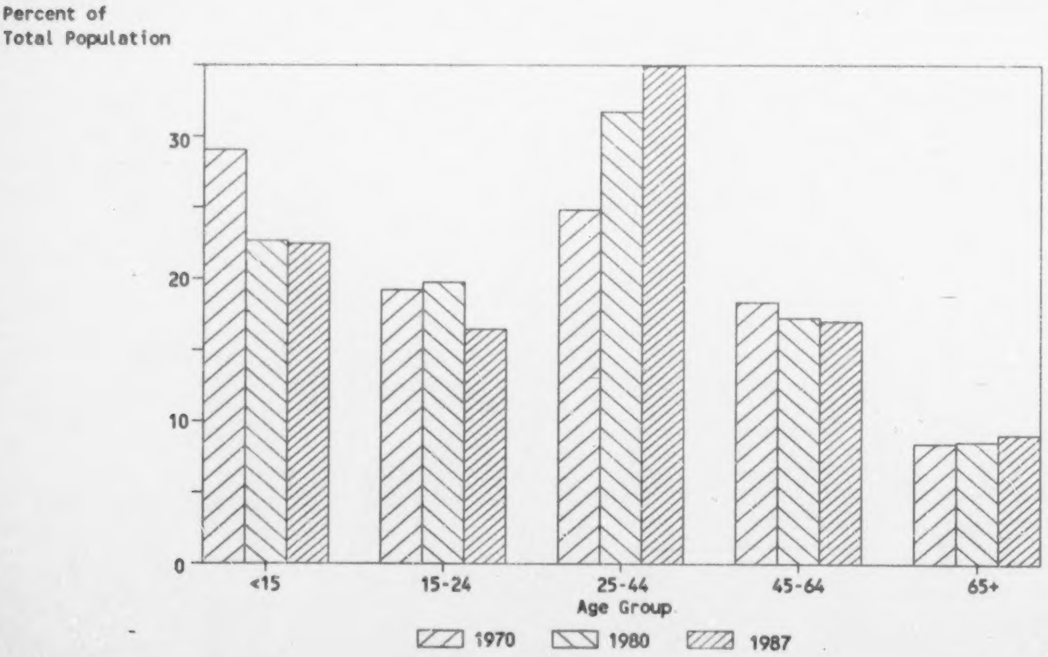


Table 9. Population by County and Region: Colorado, Selected Years, 1970-1988

Place	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988
Colorado	2,228,340	2,586,243	2,908,277	2,983,899	3,071,649	3,148,497	3,189,667	3,234,363	3,267,129	3,331,230	3,392,677
Adams	187,385	218,817	247,312	252,969	260,094	267,312	265,910	269,071	268,999	279,076	288,911
Alamosa	11,500	12,255	11,813	12,021	12,003	12,291	12,474	12,464	12,685	12,797	12,909
Arapahoe	163,975	219,962	297,610	315,052	334,065	348,344	365,814	379,549	385,182	392,414	399,379
Archuleta	2,681	2,968	3,691	3,975	4,161	4,964	4,956	5,201	5,322	5,452	5,583
Baca	5,669	5,680	5,363	5,301	5,262	5,196	4,966	4,777	4,480	4,367	4,260
Bent	6,497	6,401	5,902	5,905	5,744	5,961	5,839	5,705	5,747	5,641	5,554
Boulder	133,670	166,672	190,687	195,101	200,608	205,334	211,251	210,812	213,484	217,818	222,056
Chaffee	10,286	12,130	13,249	13,501	13,335	13,117	12,736	12,240	12,349	12,495	12,674
Cheyenne	2,394	2,249	2,131	2,213	2,271	2,293	2,340	2,437	2,349	2,335	2,313
Clear Creek	5,001	6,062	7,290	7,428	7,293	7,556	7,540	7,696	7,870	8,082	8,297
Conejos	7,847	8,103	7,743	7,713	7,759	7,995	8,143	7,962	8,176	8,135	8,111
Costilla	3,090	3,150	3,029	3,026	3,095	3,259	3,251	3,354	3,305	3,266	3,233
Crowley	3,093	3,338	2,954	2,979	2,968	3,151	3,053	3,215	3,256	3,935	3,910
Custer	1,136	1,144	1,495	1,530	1,601	1,764	1,911	2,091	2,112	2,153	2,193
Delta	15,310	17,614	21,463	22,554	23,618	23,919	24,424	23,975	22,941	23,240	23,569
Denver	516,852	500,594	493,969	499,232	504,398	512,334	508,509	511,378	514,915	517,937	520,344
Dolores	1,638	1,587	1,625	1,648	1,656	1,768	1,673	1,534	1,522	1,486	1,458
Douglas	8,608	14,780	25,470	26,899	28,780	31,354	33,849	36,756	41,258	46,607	51,951
Eagle	7,701	10,694	13,379	13,772	15,420	16,048	16,912	18,241	19,123	19,814	20,474
Elbert	3,917	4,965	6,867	7,069	7,432	7,922	8,173	8,460	8,682	8,932	9,195
El Paso	238,806	293,945	311,933	322,127	331,752	341,896	355,056	369,073	379,985	390,222	399,615
Fremont	22,142	26,464	28,754	29,231	29,846	30,657	30,398	30,283	29,865	30,309	30,766
Garfield	15,004	18,608	22,925	24,763	28,713	28,495	25,162	25,138	25,503	26,094	26,685
Gilpin	1,303	1,864	2,423	2,509	2,609	2,785	2,714	2,724	2,802	2,898	2,992
Grand	4,241	6,503	7,503	7,799	8,241	8,326	9,211	9,631	9,645	9,939	10,239
Gunnison	7,731	9,214	10,679	10,803	10,909	10,801	10,998	11,134	11,838	12,096	12,348
Hinsdale	206	349	379	404	410	474	477	376	358	365	374
Huerfano	6,539	6,690	6,395	6,373	6,653	6,965	6,946	7,217	7,245	7,210	7,199
Jackson	1,853	1,742	1,845	1,960	1,971	1,720	1,685	1,599	1,566	1,535	1,520
Jefferson	238,134	315,260	374,341	384,861	395,953	402,313	408,666	415,480	419,676	428,290	436,772
Kiowa	2,030	2,073	1,906	1,968	1,909	1,920	1,947	1,855	1,813	1,778	1,743
Kit Carson	7,596	7,731	7,549	7,527	7,630	7,885	7,982	7,755	7,628	7,623	7,622
Lake	8,322	8,679	8,828	8,992	8,482	7,747	7,286	6,945	6,635	6,541	6,457
La Plata	19,391	23,587	27,161	28,362	29,454	30,470	30,601	30,829	30,144	30,616	31,146
Larimer	91,342	120,595	150,043	153,637	158,484	162,537	166,186	170,409	174,591	179,798	184,922
Las Animas	15,835	15,768	14,902	15,091	15,140	15,129	14,727	14,267	14,152	13,925	13,736
Lincoln	4,870	5,033	4,595	4,483	4,480	4,559	4,471	4,616	4,464	4,420	4,375
Logan	18,916	19,415	19,793	19,914	19,930	20,224	19,962	19,790	19,008	18,893	18,805
Mesa	54,564	63,263	82,621	87,145	94,034	97,037	93,953	88,624	86,267	87,797	89,372
Mineral	794	800	782	861	811	815	798	766	698	707	720
Moffat	6,510	7,959	13,164	13,452	14,517	15,086	13,777	12,586	11,892	12,088	12,274
Montezuma	13,072	15,036	16,629	17,263	17,973	18,765	18,737	18,012	17,375	17,492	17,616
Montrose	18,390	20,654	24,504	25,265	25,713	26,260	25,879	25,552	25,211	25,424	25,705
Morgan	20,306	21,927	22,473	22,488	22,827	23,501	23,123	22,809	21,950	21,915	21,893
Otero	23,444	24,151	22,543	22,592	22,515	22,543	22,152	22,198	21,974	21,807	21,647
Ouray	1,544	1,837	1,900	1,987	2,019	2,011	2,067	1,972	1,826	1,821	1,823
Park	2,210	3,259	5,395	5,810	6,123	6,496	6,256	6,033	6,175	6,401	6,607
Phillips	4,088	4,275	4,492	4,484	4,565	4,720	4,477	4,495	4,539	4,552	4,546
Pitkin	6,347	9,089	10,247	10,047	10,294	10,616	11,363	12,110	12,992	13,433	13,853
Prowers	13,294	13,807	13,016	12,994	13,225	13,916	14,083	14,114	13,828	13,840	13,863
Pueblo	118,742	126,648	125,933	125,939	125,873	126,578	126,496	127,108	128,632	128,560	128,510
Rio Blanco	4,837	5,212	6,309	6,694	6,945	7,157	6,408	5,984	5,753	5,759	5,780
Rio Grande	10,469	10,888	10,534	10,790	11,013	11,280	11,269	11,426	11,771	11,795	11,828
Routt	6,754	9,757	13,396	13,533	13,909	14,097	14,595	14,642	14,390	14,764	15,124
Saguache	3,832	4,137	3,907	3,952	3,961	4,103	3,976	3,909	4,007	3,980	3,943
San Juan	830	891	819	945	1,129	989	903	752	743	736	733
San Miguel	1,965	2,276	3,157	3,203	3,085	3,053	3,170	3,479	3,751	3,792	3,842

Place		1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988
Sedgwick		3,403	3,411	3,216	3,209	3,218	3,202	3,265	3,085	2,930	2,864	2,802
Summit		2,793	5,926	8,913	9,327	10,240	10,666	12,601	13,650	14,262	14,833	15,357
Teller		3,392	5,836	8,080	8,459	9,021	9,749	10,292	10,596	10,936	11,359	11,768
Washington		5,534	5,177	5,246	5,163	5,336	5,502	5,461	5,323	5,112	5,029	4,945
Weld		90,195	108,482	123,782	125,315	126,761	130,979	133,880	136,657	137,231	139,737	142,197
Yuma		8,520	8,822	9,659	9,734	9,911	10,064	9,989	9,931	9,677	9,696	9,732
PMR	1	60,767	63,027	64,884	64,992	65,787	67,213	66,277	65,433	63,216	62,949	62,723
	2	181,537	229,077	273,825	278,952	285,245	293,516	300,066	307,066	311,822	319,535	327,119
	3	1,254,928	1,444,011	1,639,102	1,684,051	1,733,800	1,777,332	1,804,253	1,833,466	1,854,186	1,893,122	1,930,702
	4	244,408	303,040	325,408	336,396	346,896	358,141	371,604	385,702	397,096	407,982	417,990
	5	18,777	19,978	21,142	21,292	21,813	22,659	22,966	23,268	23,123	23,310	23,505
	6	54,027	55,450	51,684	51,739	51,623	52,687	52,040	51,864	51,098	51,368	50,977
	7	118,742	126,648	125,933	125,939	125,873	126,578	126,496	127,108	128,632	128,560	128,510
	8	37,532	39,333	37,808	38,363	38,642	39,743	39,911	39,881	40,642	40,680	40,744
	9	37,612	44,069	49,925	52,193	54,373	56,956	56,870	56,328	55,106	55,782	56,536
	10	45,146	51,944	62,082	64,216	65,754	66,518	67,015	66,488	65,925	66,738	67,661
	11	80,915	95,042	125,019	132,054	144,209	147,775	139,300	132,332	129,415	131,738	134,111
	12	29,689	43,711	55,283	56,438	60,075	61,473	66,367	69,873	71,978	74,318	76,567
	13	41,886	48,417	52,326	53,254	53,264	53,285	52,331	51,559	50,961	51,498	52,090
	14	22,374	22,458	21,297	21,464	21,793	22,094	21,673	21,484	21,397	21,135	20,935
Metro/Non-Metro												
Den PMSA		1,114,954	1,269,413	1,438,702	1,479,013	1,523,290	1,561,657	1,582,748	1,612,234	1,630,030	1,664,324	1,697,357
Den CMSA		1,248,624	1,436,085	1,629,389	1,674,114	1,723,898	1,766,991	1,793,999	1,823,046	1,843,514	1,882,142	1,919,413
All Metro		1,787,709	2,085,755	2,341,080	2,401,132	2,466,768	2,528,981	2,575,617	2,626,293	2,663,953	2,720,459	2,774,657
Non-Metro		440,631	500,488	567,197	582,767	604,881	619,516	614,050	608,070	603,176	610,771	618,020
Five-Region												
Frnt Range		1,787,709	2,085,755	2,341,080	2,401,132	2,466,768	2,528,981	2,575,617	2,626,293	2,663,953	2,720,459	2,774,657
West Slope		193,362	234,766	292,309	304,901	324,411	332,722	329,552	325,021	322,424	328,576	334,875
East Plns		133,571	138,455	137,710	138,023	139,223	142,559	141,283	140,565	137,437	137,627	137,205
San Luis		37,532	39,333	37,808	38,363	38,642	39,743	39,911	39,881	40,642	40,680	40,744
East Mtns		76,166	87,896	96,811	98,924	100,103	101,965	100,806	100,092	100,141	101,373	102,689
Population-Based Regions												
1 Denver		516,852	500,594	493,969	499,232	504,398	512,334	508,509	511,378	514,915	517,937	520,344
2 Jefferson		238,134	315,260	374,341	384,861	395,953	402,313	408,666	415,480	419,676	428,290	436,772
3 Boulder		133,670	166,672	190,687	195,101	200,608	205,334	211,251	210,812	213,484	217,818	222,056
4 Adams		187,385	218,817	247,312	252,969	260,094	267,312	265,910	269,071	268,999	279,076	288,911
5 Arapahoe		163,975	219,962	297,610	315,052	334,065	348,344	365,814	379,549	385,182	392,414	399,379
6 El Paso		238,806	293,945	311,933	322,127	331,752	341,896	355,056	369,073	379,985	390,222	399,615
7 Larimer		91,342	120,595	150,043	153,637	158,484	162,537	166,186	170,409	174,591	179,798	184,922
8 Pueblo		118,742	126,648	125,933	125,939	125,873	126,578	126,496	127,108	128,632	128,560	128,510
9 Weld		90,195	108,482	123,782	125,315	126,761	130,979	133,880	136,657	137,231	139,737	142,197
10 Northwest		80,915	95,042	125,019	132,054	144,209	147,775	139,300	132,332	129,415	131,738	134,111
11 Western		74,835	95,655	117,365	120,654	125,829	127,991	133,382	136,361	137,903	141,056	144,228
12 Eastern		133,571	138,455	137,710	138,023	139,223	142,559	141,283	140,565	137,437	137,627	137,205
13 Central		62,400	80,218	100,984	104,359	107,090	111,225	112,982	115,364	120,002	126,845	133,705
14 Southern		97,518	105,860	109,030	112,020	114,808	118,793	118,454	117,693	117,145	117,597	118,215

Population figures for 1970 and 1975 are final estimates. Population figures for 1980-88 are 1986-based estimates and projections and are subject to revision. The source for these data is the Demographic Section, Colorado Department of Local Affairs. See inside back cover for descriptions of regions.

Table 10. Estimated Population, Population Growth (1986-87), and Population Density by Countyand Region: Colorado, 1987

Place	Population				Population Growth			Population Density		
	1987 Total	1987 Percent	1987 Rank	1986 Total	Population Gain/Loss	Percent Change	Rank	Area in Sq Miles	Persons/ Sq Mile	Rank
Colorado	3,331,230	100.0	-	3,267,129	64,101	2.0	-	103,595	32.2	-
Adams	279,076	8.4	5	268,999	10,077	3.7	5	1,235	226.0	5
Alamosa	12,797	0.4	27	12,685	112	0.9	33	719	17.8	19
Arapahoe	392,414	11.8	3	385,182	7,232	1.9	23	800	490.5	3
Archuleta	5,452	0.2	44	5,322	130	2.4	16	1,353	4.0	41
Baca	4,367	0.1	48	4,480	-113	-2.5	63	2,554	1.7	55
Bent	5,641	0.2	43	5,747	-106	-1.8	58	1,517	3.7	43
Boulder	217,818	6.5	6	213,484	4,334	2.0	20	742	293.6	4
Chaffee	12,495	0.4	28	12,349	146	1.2	31	1,008	12.4	25
Cheyenne	2,335	0.1	55	2,349	-14	-0.6	48	1,783	1.3	58
Clear Creek	8,082	0.2	37	7,870	212	2.7	14	397	20.4	14
Conejos	8,135	0.2	36	8,176	-41	-0.5	47	1,285	6.3	33
Costilla	3,266	0.1	52	3,305	-39	-1.2	54	1,227	2.7	50
Crowley	3,935	0.1	50	3,256	679	20.9	1	790	5.0	37
Custer	2,153	0.1	56	2,112	41	1.9	22	740	2.9	49
Delta	23,240	0.7	16	22,941	299	1.3	29	1,141	20.4	13
Denver	517,937	15.5	1	514,915	3,022	0.6	36	111	4666.1	1
Dolores	1,486	0.0	60	1,522	-36	-2.4	62	1,064	1.4	57
Douglas	46,607	1.4	11	41,258	5,349	13.0	2	841	55.4	8
Eagle	19,814	0.6	19	19,123	691	3.6	7	1,690	11.7	26
Elbert	8,932	0.3	35	8,682	250	2.9	12	1,851	4.8	38
El Paso	390,222	11.7	4	379,985	10,237	2.7	13	2,129	183.3	6
Fremont	30,309	0.9	13	29,865	444	1.5	28	1,538	19.7	16
Garfield	26,094	0.8	14	25,503	591	2.3	17	2,952	8.8	29
Gilpin	2,898	0.1	53	2,802	96	3.4	8	149	19.4	17
Grand	9,939	0.3	33	9,645	294	3.0	10	1,854	5.4	35
Gunnison	12,096	0.4	29	11,838	258	2.2	18	3,238	3.7	42
Hinsdale	365	0.0	63	358	7	2.0	21	1,115	0.3	63
Huerfano	7,210	0.2	39	7,245	-35	-0.5	46	1,583	4.6	39
Jackson	1,535	0.0	59	1,566	-31	-2.0	60	1,615	1.0	61
Jefferson	428,290	12.9	2	419,676	8,614	2.1	19	768	557.7	2
Kiowa	1,778	0.1	58	1,813	-35	-1.9	59	1,758	1.0	60
Kit Carson	7,623	0.2	38	7,628	-5	-0.1	43	2,160	3.5	44
Lake	6,541	0.2	40	6,635	-94	-1.4	55	379	17.3	21
La Plata	30,616	0.9	12	30,144	472	1.6	27	1,692	18.1	18
Larimer	179,798	5.4	7	174,591	5,207	3.0	11	2,604	69.0	7
Las Animas	13,925	0.4	24	14,152	-227	-1.6	56	4,771	2.9	48
Lincoln	4,420	0.1	47	4,464	-44	-1.0	53	2,586	1.7	56
Logan	18,893	0.6	20	19,008	-115	-0.6	49	1,819	10.4	28
Mesa	87,797	2.6	10	86,267	1,530	1.8	25	3,309	26.5	11
Mineral	707	0.0	62	698	9	1.3	30	877	0.8	62
Moffat	12,088	0.4	30	11,892	196	1.6	26	4,732	2.6	51
Montezuma	17,492	0.5	21	17,375	117	0.7	35	2,038	8.6	30
Montrose	25,424	0.8	15	25,211	213	0.8	34	2,240	11.3	27
Morgan	21,915	0.7	17	21,950	-35	-0.2	44	1,276	17.2	22
Otero	21,807	0.7	18	21,974	-167	-0.8	51	1,247	17.5	20
Ouray	1,821	0.1	57	1,826	-5	-0.3	45	542	3.4	45
Park	6,401	0.2	41	6,175	226	3.7	6	2,192	2.9	47
Phillips	4,552	0.1	46	4,539	13	0.3	37	688	6.6	32
Pitkin	13,433	0.4	26	12,992	441	3.4	9	968	13.9	23
Prowers	13,840	0.4	25	13,828	12	0.1	41	1,629	8.5	31
Pueblo	128,560	3.9	9	128,632	-72	-0.1	42	2,377	54.1	9
Rio Blanco	5,759	0.2	42	5,753	6	0.1	40	3,222	1.8	54
Rio Grande	11,795	0.4	31	11,771	24	0.2	38	913	12.9	24
Routt	14,764	0.4	23	14,390	374	2.6	15	2,367	6.2	34
Saguache	3,980	0.1	49	4,007	-27	-0.7	50	3,167	1.3	59
San Juan	736	0.0	61	743	-7	-0.9	52	388	1.9	53
San Miguel	3,792	0.1	51	3,751	41	1.1	32	1,287	2.9	46

Place	Population				Population Growth			Population Density		
	1987 Total	1987 Percent	1987 Rank	1986 Total	Population Gain/Loss	Percent Change	Rank	Area in Sq Miles	Persons/ Sq Mile	Rank
Sedgwick	2,864	0.1	54	2,930	-66	-2.3	61	540	5.3	36
Summit	14,833	0.4	22	14,262	571	4.0	3	607	24.4	12
Teller	11,359	0.3	32	10,936	423	3.9	4	559	20.3	15
Washington	5,029	0.2	45	5,112	-83	-1.6	57	2,520	2.0	52
Weld	139,737	4.2	8	137,231	2,506	1.8	24	3,990	35.0	10
Yuma	9,696	0.3	34	9,677	19	0.2	39	2,365	4.1	40
Planning and Management Regions										
PMR 1	62,949	1.9	8	63,216	-267	-0.4	13	9,208	6.8	10
2	319,535	9.6	3	311,822	7,713	2.5	3	6,594	48.5	4
3	1,893,122	56.8	1	1,854,186	38,936	2.1	4	5,043	375.4	1
4	407,982	12.2	2	397,096	10,886	2.7	2	4,880	83.6	2
5	23,310	0.7	13	23,123	187	0.8	9	8,380	2.8	14
6	51,368	1.5	11	51,098	270	0.5	10	9,495	5.4	11
7	128,560	3.9	5	128,632	-72	-0.1	12	2,377	54.1	3
8	40,680	1.2	12	40,642	38	0.1	11	8,188	5.0	12
9	55,782	1.7	9	55,106	676	1.2	7	6,535	8.5	7
10	66,738	2.0	7	65,925	813	1.2	6	9,563	7.0	9
11	131,738	4.0	4	129,415	2,323	1.8	5	14,215	9.3	6
12	74,318	2.2	6	71,978	2,340	3.3	1	9,101	8.2	8
13	51,498	1.5	10	50,961	537	1.1	8	3,665	14.1	5
14	21,135	0.6	14	21,397	-262	-1.2	14	6,354	3.3	13
Metro/Non-Metro										
Denver PMSA	1,664,324	50.0	-	1,630,030	34,294	2.1	-	3,755	443.2	-
Denver CMSA	1,882,142	56.5	-	1,843,514	38,628	2.1	-	4,497	418.5	-
Total Metro	2,720,459	81.7	-	2,663,953	56,506	2.1	-	15,597	174.4	-
Non-Metro	608,256	18.3	-	600,644	7,612	1.3	-	88,001	6.9	-
Five-Region Substate Groups										
Front Range	2,720,459	81.7	1	2,663,953	56,506	2.1	1	15,597	174.4	1
Western Slope	328,576	9.9	2	322,424	6,152	1.9	2	39,414	8.3	2
Eastern Plains	137,627	4.1	3	137,437	190	0.1	4	27,083	5.1	4
San Luis Valley	40,680	1.2	5	40,642	38	0.1	5	8,188	5.0	5
Eastern Mtns	101,373	3.0	4	100,141	1,232	1.2	3	13,316	7.6	3
Population-Based Regions										
1 Denver	517,937	15.6	1	514,915	3,022	0.6	11	111	4666.1	1
2 Jefferson	428,290	12.9	2	419,676	8,614	2.1	6	768	557.7	2
3 Boulder	217,818	6.5	6	213,484	4,334	2.0	7	742	293.6	4
4 Adams	279,076	8.4	5	268,999	10,077	3.7	2	1,235	226.0	5
5 Arapahoe	392,414	11.8	3	385,182	7,232	1.9	8	800	490.5	3
6 El Paso	390,222	11.7	4	379,985	10,237	2.7	4	2,129	183.3	6
7 Larimer	179,798	5.4	7	174,591	5,207	3.0	3	2,604	69.0	7
8 Pueblo	128,560	3.9	12	128,632	-72	-0.1	14	2,377	54.1	8
9 Weld	139,737	4.2	9	137,231	2,506	1.8	9	3,990	35.0	9
10 Northwest Reg	131,738	4.0	11	129,415	2,323	1.8	10	14,215	9.3	11
11 Western Reg	141,056	4.2	8	137,903	3,153	2.3	5	18,664	7.6	12
12 Eastern Reg	137,627	4.1	10	137,437	190	0.1	13	27,083	5.1	14
13 Central Reg	126,845	3.8	13	120,002	6,843	5.7	1	7,803	16.3	10
14 Southern Reg	117,597	3.5	14	117,145	452	0.4	12	21,077	5.6	13

Population figures are 1986-based estimates and projections from the Demographic Section, Colorado Department of Local Affairs and are subject to revision. See inside back cover for descriptions of regions.

Table 11. Total Population by Age Group by County and Region: Colorado, 1987

Place	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Colorado	3,331,230	58,448	214,327	246,205	230,174	255,511	292,441	640,573	523,344	313,575	254,364	179,876	92,305	30,087
Adams	279,076	5,065	20,209	23,423	21,376	19,842	22,281	56,456	41,786	26,589	21,527	13,314	5,649	1,559
Alamosa	12,797	258	963	1,192	947	1,095	1,141	2,251	1,802	1,052	889	703	385	119
Arapahoe	392,414	6,598	25,918	30,053	29,449	26,080	24,471	84,179	74,653	40,081	27,047	16,116	5,916	1,853
Archuleta	5,452	103	411	497	426	404	392	828	786	537	556	371	111	30
Baca	4,367	61	253	326	293	289	283	627	547	410	458	456	275	89
Bent	5,641	66	310	445	422	407	372	785	715	555	656	521	288	99
Boulder	217,818	3,589	12,786	13,905	13,073	17,014	25,093	44,905	37,403	20,783	13,628	8,935	4,926	1,778
Chaffee	12,495	229	746	819	791	1,064	1,258	1,993	1,601	1,190	1,045	988	610	161
Cheyenne	2,335	41	184	240	171	132	119	377	316	179	233	192	127	24
Clear Creek	8,082	148	588	723	628	575	473	1,559	1,679	762	477	301	124	45
Conejos	8,135	152	639	815	690	649	636	1,303	928	717	690	525	307	84
Costilla	3,266	56	226	280	220	221	236	556	414	314	271	280	139	53
Crowley	3,935	52	220	263	196	213	331	873	522	327	326	328	207	77
Custer	2,153	30	160	222	132	92	114	487	347	181	175	122	81	10
Delta	23,240	337	1,325	1,731	1,687	1,798	1,683	3,081	3,090	2,190	2,042	2,325	1,501	450
Denver	517,937	8,187	32,693	35,442	28,924	30,310	50,440	105,176	74,290	41,299	45,559	36,674	21,244	7,699
Dolores	1,486	24	101	127	110	101	102	225	192	153	150	130	58	13
Douglas	46,607	949	3,631	3,715	3,686	2,698	2,568	12,067	8,854	4,548	2,142	1,162	437	150
Eagle	19,814	402	1,467	1,375	1,105	1,327	2,660	6,278	2,827	1,237	679	320	112	25
Elbert	8,932	144	571	754	740	796	757	1,430	1,608	913	538	389	224	68
El Paso	390,222	8,551	25,778	28,972	30,507	41,298	37,191	67,463	56,180	36,662	28,593	18,131	8,310	2,586
Fremont	30,309	462	1,610	1,882	1,896	2,319	2,573	4,844	3,813	2,715	2,642	2,776	2,109	668
Garfield	26,094	495	1,911	2,186	1,851	1,733	1,840	5,095	4,580	2,445	1,661	1,261	780	256
Gilpin	2,898	63	193	209	166	232	212	542	626	293	182	106	60	14
Grand	9,939	151	617	759	728	756	909	2,471	1,709	800	577	300	141	21
Gunnison	12,096	216	581	657	598	1,571	2,591	2,267	1,639	858	580	317	164	57
Hinsdale	365	8	23	23	17	19	7	65	85	49	35	25	8	1
Huerfano	7,210	94	449	613	470	419	457	1,261	979	614	644	632	434	144
Jackson	1,535	13	68	110	117	115	91	202	274	223	159	98	53	12
Jefferson	428,290	7,403	26,220	29,509	30,322	32,405	32,367	80,671	77,352	47,754	34,543	19,620	7,737	2,387
Kiowa	1,778	25	116	153	113	92	93	224	194	172	263	251	51	31
Kit Carson	7,623	102	485	655	602	508	480	1,169	1,039	741	731	626	378	107
Lake	6,541	90	458	624	550	419	415	1,335	1,015	679	512	297	137	10
La Plata	30,616	648	2,014	2,125	1,805	2,706	3,301	6,103	4,562	2,675	2,061	1,524	826	266
Larimer	179,798	3,540	10,836	12,458	10,913	18,223	22,337	32,421	26,482	15,247	11,430	8,928	5,239	1,744
Las Animas	13,925	157	772	1,076	1,005	913	986	2,151	1,682	1,190	1,339	1,415	935	304
Lincoln	4,420	89	313	320	246	248	290	642	511	481	469	457	255	99
Logan	18,893	249	1,157	1,542	1,324	1,227	1,424	3,268	2,423	1,796	1,860	1,460	856	307
Mesa	87,797	1,330	5,620	7,108	6,292	6,060	6,602	15,617	13,329	8,166	7,116	6,003	3,394	1,160
Mineral	707	12	39	45	42	53	44	100	127	98	55	70	21	1
Moffat	12,088	202	913	1,187	1,058	803	578	2,036	2,239	1,291	921	521	246	93
Montezuma	17,492	251	1,181	1,626	1,523	1,278	1,052	2,667	2,619	1,781	1,506	1,191	628	189
Montrose	25,424	325	1,527	2,146	1,908	1,749	1,643	3,865	3,871	2,782	2,205	1,938	1,146	319
Morgan	21,915	347	1,518	1,958	1,711	1,478	1,369	3,461	2,933	2,121	1,992	1,645	1,016	366
Otero	21,807	363	1,453	1,795	1,589	1,581	1,628	3,232	2,688	2,104	1,967	1,799	1,176	432
Ouray	1,821	19	92	146	140	135	97	212	365	210	163	156	75	11
Park	6,401	149	487	528	504	545	421	939	1,316	666	426	301	98	21
Phillips	4,552	56	270	364	339	279	266	646	618	435	410	428	322	119
Pitkin	13,433	171	619	623	682	889	1,522	4,487	2,196	1,253	578	291	104	18
Prowers	13,840	284	1,163	1,377	1,103	927	910	2,216	1,864	1,227	1,137	929	511	192
Pueblo	128,560	2,003	7,414	9,111	8,875	10,415	11,511	20,362	16,674	11,946	12,743	10,327	5,591	1,588
Rio Blanco	5,759	97	436	559	459	380	387	972	880	635	504	277	138	35
Rio Grande	11,795	231	923	1,084	883	775	759	2,029	1,602	1,083	941	817	497	171
Routt	14,764	216	962	1,157	1,043	895	1,162	4,211	2,490	1,275	687	401	198	67
Saguache	3,980	87	335	381	279	261	277	615	515	329	385	303	165	48
San Juan	736	14	65	82	60	40	35	144	145	67	50	29	4	1
San Miguel	3,792	62	234	298	289	309	273	802	926	281	146	105	52	15

Place	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Sedgwick	2,864	26	123	187	226	216	168	333	351	297	330	349	202	56
Summit	14,833	236	913	903	856	1,118	2,313	5,064	1,999	833	393	160	42	3
Teller	11,359	255	842	874	800	913	936	1,919	2,067	1,134	817	541	219	42
Washington	5,029	58	282	412	377	332	281	723	688	492	567	488	241	88
Weld	139,737	2,655	9,193	11,031	9,927	12,983	14,535	24,610	19,715	12,416	9,785	7,374	4,227	1,286
Yuma	9,696	127	615	862	775	650	561	1,397	1,337	959	902	789	521	201
Planning and Management Regions														
PMR 1	62,949	863	3,965	5,325	4,752	4,182	4,069	9,828	8,350	6,100	6,061	5,159	3,158	1,137
2	319,535	6,195	20,029	23,489	20,840	31,206	36,872	57,031	46,197	27,663	21,215	16,302	9,466	3,030
3	1,893,122	32,002	122,238	136,979	127,624	129,156	157,905	385,555	316,643	182,109	145,105	96,228	46,093	15,485
4	407,982	8,955	27,107	30,374	31,811	42,756	38,548	70,321	59,563	38,462	29,836	18,973	8,627	2,649
5	23,310	376	1,553	1,969	1,759	1,684	1,646	3,618	3,474	2,314	1,971	1,664	984	298
6	51,368	851	3,515	4,359	3,716	3,509	3,617	7,957	6,530	4,795	4,807	4,284	2,508	920
7	128,560	2,003	7,414	9,111	8,875	10,415	11,511	20,362	16,674	11,946	12,743	10,327	5,591	1,588
8	40,680	796	3,125	3,797	3,061	3,054	3,093	6,854	5,388	3,593	3,231	2,698	1,514	476
9	55,782	1,040	3,772	4,457	3,924	4,529	4,882	9,967	8,304	5,213	4,323	3,245	1,627	499
10	66,738	967	3,782	5,001	4,639	5,581	6,294	10,292	9,976	6,370	5,171	4,866	2,946	853
11	131,738	2,124	8,880	11,040	9,660	8,976	9,407	23,720	21,028	12,537	10,202	8,062	4,558	1,544
12	74,318	1,189	4,646	4,927	4,531	5,100	8,657	22,713	11,495	5,621	3,073	1,570	650	146
13	51,498	811	2,974	3,547	3,369	3,894	4,360	8,659	6,776	4,765	4,374	4,183	2,937	849
14	21,135	251	1,221	1,689	1,475	1,332	1,443	3,412	2,661	1,804	1,983	2,047	1,369	448
Metro/Non-Metro														
Den PMSA	1,664,324	28,202	108,671	122,142	113,757	111,335	132,127	338,549	276,935	160,271	130,818	86,886	40,983	13,648
Den CMSA	1,882,142	31,791	121,457	136,047	126,830	128,349	157,220	383,454	314,338	181,054	144,446	95,821	45,909	15,426
All Metro	2,720,459	48,540	174,678	197,619	187,052	211,268	242,794	528,310	433,389	257,325	206,997	140,581	69,276	22,630
Non-Metro	608,256	9,883	39,543	48,445	42,984	44,106	49,510	111,979	89,670	55,967	47,098	39,027	22,752	7,292
Five-Region Substate Groups														
Frnt Range	2,720,459	48,540	174,678	197,619	187,052	211,268	242,794	528,310	433,389	257,325	206,997	140,581	69,276	22,630
West Slope	328,576	5,320	21,080	25,425	22,754	24,186	29,240	66,692	50,803	29,741	22,769	17,743	9,781	3,042
East Plns	137,627	2,090	9,033	11,653	10,227	9,375	9,332	21,403	18,354	13,209	12,839	11,107	6,650	2,355
San Luis	40,680	796	3,125	3,797	3,061	3,054	3,093	6,854	5,388	3,593	3,231	2,698	1,514	476
East Mtns	101,373	1,677	6,305	7,570	6,942	7,491	7,845	17,030	15,125	9,424	8,259	7,479	4,807	1,419
Population-Based Regions														
1 Denver	517,937	8,187	32,693	35,442	28,924	30,310	50,440	105,176	74,290	41,299	45,559	36,674	21,244	7,699
2 Jefferson	428,290	7,403	26,220	29,509	30,322	32,405	32,367	80,671	77,352	47,754	34,543	19,620	7,737	2,387
3 Boulder	217,818	3,589	12,786	13,905	13,073	17,014	25,093	44,905	37,403	20,783	13,628	8,935	4,926	1,778
4 Adams	279,076	5,065	20,209	23,423	21,376	19,842	22,281	56,456	41,786	26,589	21,527	13,314	5,649	1,559
5 Arapahoe	392,414	6,598	25,918	30,053	29,449	26,080	24,471	84,179	74,653	40,081	27,047	16,116	5,916	1,853
6 El Paso	390,222	8,551	25,778	28,972	30,507	41,298	37,191	67,463	56,180	36,662	28,593	18,131	8,310	2,586
7 Larimer	179,798	3,540	10,836	12,458	10,913	18,223	22,337	32,421	26,482	15,247	11,430	8,928	5,239	1,744
8 Pueblo	128,560	2,003	7,414	9,111	8,875	10,415	11,511	20,362	16,674	11,946	12,743	10,327	5,591	1,588
9 Weld	139,737	2,655	9,193	11,031	9,927	12,983	14,535	24,610	19,715	12,416	9,785	7,374	4,227	1,286
10 Northwest	131,738	2,124	8,880	11,040	9,660	8,976	9,407	23,720	21,028	12,537	10,202	8,062	4,558	1,544
11 Western	141,056	2,156	8,428	9,928	9,170	10,681	14,951	33,005	21,471	11,991	8,244	6,436	3,596	999
12 Eastern	137,627	2,090	9,033	11,653	10,227	9,375	9,332	21,403	18,354	13,209	12,839	11,107	6,650	2,355
13 Central	126,845	2,375	8,715	9,596	9,153	8,857	8,970	25,685	21,318	12,168	8,418	6,594	3,875	1,121
14 Southern	117,597	2,087	8,118	9,943	8,460	8,915	9,418	20,233	16,353	10,610	9,537	7,990	4,510	1,423

Population figures are 1986-based projections from the Demographic Section, Colorado Department of Local Affairs. These figures are subject to revision. See inside back cover for descriptions of regions.

Table 12. Male Population by Age Group by County and Region: Colorado, 1987

Place	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Colorado	1,658,626	30,073	109,845	125,976	118,205	131,718	150,349	327,494	264,303	155,777	120,909	80,315	35,086	8,576
Adams	138,256	2,587	10,294	11,991	10,962	10,073	10,776	28,345	20,946	12,970	10,431	6,201	2,232	448
Alamosa	6,289	129	501	613	480	529	600	1,139	896	507	401	297	158	39
Arapahoe	196,133	3,440	13,335	15,407	14,945	13,371	12,262	42,644	37,627	20,109	12,894	7,370	2,225	504
Archuleta	2,731	52	213	265	222	207	204	400	391	262	261	194	51	9
Baca	2,129	29	122	159	155	153	144	332	272	200	213	208	115	27
Bent	2,873	29	146	228	231	218	190	385	365	290	355	273	131	32
Boulder	110,121	1,818	6,579	7,130	6,668	8,701	13,453	23,200	19,240	10,533	6,646	3,935	1,782	436
Chaffee	6,405	119	395	425	390	560	766	1,124	771	620	504	455	232	44
Cheyenne	1,134	21	90	112	86	73	62	189	164	87	99	91	54	6
Clear Creek	4,247	77	297	361	312	307	264	845	939	407	244	130	47	17
Conejos	3,986	72	312	407	362	330	313	656	463	344	322	245	128	32
Costilla	1,601	31	120	143	105	109	113	275	223	151	116	131	65	19
Crowley	2,265	24	112	142	108	126	231	619	323	175	136	156	84	29
Custer	1,066	13	81	119	67	43	67	255	187	77	69	59	27	2
Delta	11,423	161	667	914	900	944	888	1,556	1,524	1,101	926	1,059	644	139
Denver	250,507	4,209	16,709	18,011	14,619	15,297	25,407	52,658	37,738	20,262	20,742	15,380	7,455	2,020
Dolores	723	13	52	61	52	50	51	118	91	77	70	58	28	2
Douglas	23,827	476	1,869	1,956	1,866	1,348	1,324	6,356	4,538	2,349	1,056	495	157	37
Eagle	10,859	199	764	741	597	708	1,506	3,609	1,500	656	360	164	47	8
Elbert	4,528	72	291	392	394	422	403	710	776	498	268	182	99	21
El Paso	197,297	4,586	13,200	14,647	16,281	22,877	19,975	35,386	27,673	17,665	13,290	7,979	3,029	709
Fremont	15,312	235	825	966	986	1,235	1,461	2,722	2,033	1,339	1,241	1,227	824	218
Garfield	13,221	262	985	1,099	953	907	949	2,608	2,425	1,276	826	557	297	77
Gilpin	1,544	33	101	111	79	129	131	287	348	151	100	47	24	3
Grand	5,203	79	316	388	364	393	475	1,316	944	415	296	149	64	4
Gunnison	6,569	109	298	326	306	861	1,554	1,240	902	439	298	160	64	12
Hinsdale	183	3	12	15	10	11	3	32	43	25	15	10	4	0
Huerfano	3,538	49	229	310	241	227	259	661	509	279	279	268	181	46
Jackson	759	6	31	53	60	59	50	89	136	119	86	46	21	3
Jefferson	213,928	3,796	13,406	15,086	15,358	16,507	16,490	41,260	38,679	23,901	16,923	9,017	2,853	652
Kiowa	863	12	58	78	60	44	42	117	107	102	90	119	28	6
Kit Carson	3,758	49	246	346	308	249	236	603	518	364	354	285	163	37
Lake	3,329	38	225	317	284	190	198	703	552	352	274	139	54	3
La Plata	15,478	326	1,028	1,095	923	1,395	1,781	3,101	2,370	1,344	996	704	341	74
Larimer	89,199	1,793	5,622	6,351	5,514	8,985	11,578	16,375	13,466	7,634	5,421	3,910	2,028	522
Las Animas	6,697	72	388	558	508	446	513	1,123	845	551	603	626	370	94
Lincoln	2,140	43	159	174	129	124	149	335	243	237	216	208	99	24
Logan	9,236	111	578	820	718	620	691	1,672	1,205	852	885	674	312	98
Mesa	43,328	694	2,899	3,660	3,244	3,126	3,301	7,890	6,704	4,098	3,340	2,689	1,313	370
Mineral	354	5	17	25	20	24	17	62	62	54	31	28	9	0
Moffat	6,099	98	461	607	549	398	274	998	1,179	684	477	263	85	26
Montezuma	8,552	131	600	815	773	653	522	1,342	1,289	875	702	546	256	48
Montrose	12,589	165	773	1,083	999	921	874	1,937	1,918	1,388	1,053	890	497	91
Morgan	10,770	166	763	1,025	929	778	670	1,733	1,433	1,037	964	738	410	124
Otero	10,521	175	726	931	834	819	813	1,623	1,287	1,039	909	781	457	127
Ouray	873	11	46	69	71	72	48	91	179	110	70	77	26	3
Park	3,243	77	250	272	253	284	222	447	675	359	210	144	48	2
Phillips	2,205	30	140	185	175	146	138	332	306	212	189	193	122	37
Pitkin	7,129	90	318	317	354	470	787	2,446	1,155	698	298	150	39	7
Prowers	6,720	138	589	714	582	472	452	1,113	910	576	520	400	200	54
Pueblo	62,362	1,051	3,815	4,624	4,461	5,288	5,761	9,980	8,382	5,680	6,036	4,623	2,199	462
Rio Blanco	2,907	48	218	278	231	194	206	514	458	311	265	129	46	9
Rio Grande	5,833	115	467	555	457	399	394	1,046	807	506	424	387	219	57
Routt	7,816	100	491	628	564	468	620	2,321	1,295	704	347	195	68	15
Saguache	1,978	45	173	198	149	139	138	323	262	162	177	134	61	17
San Juan	374	5	29	44	35	22	15	68	77	40	24	15	0	0
San Miguel	2,027	32	117	149	157	174	159	403	525	160	80	47	23	1

Place	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Sedgwick	1,357	13	64	95	105	100	82	169	174	137	159	160	85	14
Summit	8,207	128	480	457	442	605	1,274	2,959	1,090	462	209	88	13	0
Teller	5,704	135	432	450	408	489	483	917	1,036	592	401	256	96	9
Washington	2,507	32	142	202	197	189	149	371	355	227	276	232	104	31
Weld	68,554	1,326	4,767	5,706	5,063	6,186	6,963	12,381	9,850	6,189	4,737	3,296	1,693	397
Yuma	4,740	62	308	437	402	334	288	715	655	475	421	357	226	60
Planning and Management Regions														
PMR 1	30,815	414	1,995	2,764	2,526	2,167	2,018	4,992	4,128	2,940	2,894	2,354	1,259	364
2	157,753	3,119	10,389	12,057	10,577	15,171	18,541	28,756	23,316	13,823	10,158	7,206	3,721	919
3	938,563	16,436	62,590	70,053	64,809	65,733	80,107	195,595	160,055	90,682	69,036	42,575	16,775	4,117
4	206,244	4,798	13,882	15,369	16,942	23,650	20,680	36,750	29,384	18,616	13,901	8,379	3,173	720
5	11,560	185	786	1,024	917	868	850	1,837	1,701	1,186	937	766	415	88
6	25,371	407	1,753	2,252	1,970	1,832	1,872	4,189	3,264	2,382	2,223	1,937	1,015	275
7	62,362	1,051	3,815	4,624	4,461	5,288	5,761	9,980	8,382	5,680	6,036	4,623	2,199	462
8	20,041	397	1,590	1,941	1,573	1,530	1,575	3,501	2,713	1,724	1,471	1,222	640	164
9	27,858	527	1,922	2,280	2,005	2,327	2,573	5,029	4,218	2,598	2,053	1,517	676	133
10	33,664	481	1,913	2,556	2,443	2,983	3,526	5,259	5,091	3,223	2,442	2,243	1,258	246
11	65,555	1,102	4,563	5,644	4,977	4,625	4,730	12,010	10,766	6,369	4,908	3,638	1,741	482
12	39,973	602	2,400	2,584	2,381	2,703	4,712	12,740	6,120	3,054	1,596	792	252	37
13	26,112	405	1,526	1,827	1,727	2,028	2,492	4,804	3,543	2,388	2,088	1,880	1,137	267
14	10,235	121	617	868	749	673	772	1,784	1,354	830	882	894	551	140
Metro/Non-Metro														
Den PMSA	822,651	14,508	55,613	62,451	57,750	56,596	66,259	171,263	139,528	79,591	62,046	38,463	14,922	3,661
Den CMSA	932,772	16,326	62,192	69,581	64,418	65,297	79,712	194,463	158,768	90,124	68,692	42,398	16,704	4,097
All Metro	1,350,184	25,082	89,596	100,909	95,737	108,633	123,989	268,585	218,139	127,292	98,176	62,206	25,653	6,187
Non-Metro	305,922	4,963	20,145	24,934	22,320	22,945	26,220	58,641	45,896	28,203	22,449	17,820	9,159	2,227
Five-Region Substate Groups														
Frnt Range	1,350,184	25,082	89,596	100,909	95,737	108,633	123,989	268,585	218,139	127,292	98,176	62,206	25,653	6,187
West Slope	167,050	2,712	10,798	13,064	11,806	12,638	15,541	35,038	26,195	15,244	10,999	8,190	3,927	898
East Plns	67,746	1,006	4,534	6,040	5,413	4,867	4,740	11,018	9,093	6,508	6,054	5,057	2,689	727
San Luis	20,041	397	1,590	1,941	1,573	1,530	1,575	3,501	2,713	1,724	1,471	1,222	640	164
East Mtns	51,085	848	3,223	3,889	3,528	3,910	4,364	9,084	7,895	4,727	3,925	3,351	1,903	438
Population-Based Regions														
1 Denver	250,507	4,209	16,709	18,011	14,619	15,297	25,407	52,658	37,738	20,262	20,742	15,380	7,455	2,020
2 Jefferson	213,928	3,796	13,406	15,086	15,358	16,507	16,490	41,260	38,679	23,901	16,923	9,017	2,853	652
3 Boulder	110,121	1,818	6,579	7,130	6,668	8,701	13,453	23,200	19,240	10,533	6,646	3,935	1,782	436
4 Adams	138,256	2,587	10,294	11,991	10,962	10,073	10,776	28,345	20,946	12,970	10,431	6,201	2,232	448
5 Arapahoe	196,133	3,440	13,335	15,407	14,945	13,371	12,262	42,644	37,627	20,109	12,894	7,370	2,225	504
6 El Paso	197,297	4,586	13,200	14,647	16,281	22,877	19,975	35,386	27,673	17,665	13,290	7,979	3,029	709
7 Larimer	89,199	1,793	5,622	6,351	5,514	8,985	11,578	16,375	13,466	7,634	5,421	3,910	2,028	522
8 Pueblo	62,362	1,051	3,815	4,624	4,461	5,288	5,761	9,980	8,382	5,680	6,036	4,623	2,199	462
9 Weld	68,554	1,326	4,767	5,706	5,063	6,186	6,963	12,381	9,850	6,189	4,737	3,296	1,693	397
10 Northwest	65,555	1,102	4,563	5,644	4,977	4,625	4,730	12,010	10,766	6,369	4,908	3,638	1,741	482
11 Western	73,637	1,083	4,313	5,140	4,824	5,686	8,238	17,999	11,211	6,277	4,038	3,035	1,510	283
12 Eastern	67,746	1,006	4,534	6,040	5,413	4,867	4,740	11,018	9,093	6,508	6,054	5,057	2,689	727
13 Central	64,677	1,203	4,475	4,977	4,645	4,585	4,916	13,656	11,079	6,246	4,099	2,952	1,509	335
14 Southern	58,134	1,045	4,129	5,089	4,327	4,530	4,920	10,314	8,285	5,152	4,406	3,633	1,867	437

Populations figures are 1986-based estimates from the Demographic Section, Colorado Department of Local Affairs. These figures are subject to revision. See inside back cover for descriptions of regions.

Table 13. Female Population by Age Group by County and Region: Colorado, 1987

Place	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Colorado	1,672,556	28,374	104,481	120,225	111,966	123,790	142,091	313,075	259,035	157,793	133,450	99,558	57,212	21,506
Adams	140,772	2,477	9,912	11,430	10,411	9,766	11,504	28,108	20,833	13,614	11,092	7,107	3,412	1,106
Alamosa	6,470	129	462	579	465	564	538	1,106	901	542	484	401	220	79
Arapahoe	196,239	3,158	12,581	14,644	14,500	12,707	12,208	41,531	37,021	19,968	14,147	8,742	3,687	1,345
Archuleta	2,679	51	196	230	202	194	186	425	392	267	289	171	57	19
Baca	2,196	31	129	164	136	135	137	289	273	205	239	243	155	60
Bent	2,730	37	160	216	189	185	181	396	345	261	297	245	154	64
Boulder	107,659	1,770	6,205	6,774	6,403	8,312	11,639	21,701	18,161	10,246	6,976	4,998	3,136	1,338
Chaffee	6,049	109	351	392	399	500	490	863	826	567	537	525	373	117
Cheyenne	1,154	19	93	123	83	56	56	183	145	88	130	95	67	16
Clear Creek	3,788	71	290	359	312	267	207	708	736	352	226	164	72	24
Conejos	4,103	79	324	407	326	315	321	643	460	366	362	275	176	49
Costilla	1,618	24	105	136	111	109	121	276	187	158	149	142	69	31
Crowley	1,630	28	106	119	87	85	97	248	196	145	184	167	121	47
Custer	1,044	16	77	102	63	46	44	228	153	96	103	59	50	7
Delta	11,775	176	657	816	786	852	793	1,519	1,560	1,087	1,110	1,261	850	308
Denver	267,390	3,977	15,982	17,429	14,304	15,012	25,030	52,513	36,545	21,034	24,814	21,288	13,785	5,677
Dolores	730	11	48	64	57	50	50	100	95	74	80	67	25	9
Douglas	22,741	472	1,760	1,757	1,817	1,348	1,242	5,708	4,313	2,196	1,078	663	277	110
Eagle	8,911	203	702	633	506	615	1,150	2,664	1,323	576	311	152	62	14
Elbert	4,363	72	278	357	344	370	352	714	830	411	265	205	122	43
El Paso	192,881	3,964	12,578	14,323	14,221	18,418	17,215	32,073	28,505	18,993	15,296	10,147	5,276	1,872
Fremont	14,961	227	783	915	908	1,084	1,110	2,117	1,774	1,371	1,398	1,547	1,280	447
Garfield	12,831	232	925	1,083	895	823	888	2,484	2,151	1,165	832	701	477	175
Gilpin	1,320	29	91	97	84	102	79	251	275	137	76	58	31	10
Grand	4,694	71	297	369	362	362	431	1,151	758	384	274	148	73	14
Gunnison	5,480	106	281	328	289	709	1,034	1,023	731	414	276	152	95	42
Hinsdale	140	4	10	7	5	5	1	29	36	19	17	6	0	1
Huerfano	3,636	45	219	301	227	191	197	596	464	330	360	360	249	97
Jackson	739	7	34	54	55	53	41	110	134	100	69	48	27	7
Jefferson	214,321	3,607	12,811	14,421	14,962	15,895	15,873	39,408	38,667	23,850	17,615	10,601	4,879	1,732
Kiowa	873	13	56	73	50	45	49	104	83	68	167	125	19	21
Kit Carson	3,825	53	235	309	289	257	240	562	518	373	376	336	210	67
Lake	3,166	51	231	306	263	228	212	629	458	324	231	150	77	6
La Plata	15,091	321	983	1,025	880	1,307	1,518	2,997	2,189	1,327	1,060	817	480	187
Larimer	90,557	1,746	5,213	6,106	5,396	9,237	10,756	16,040	13,012	7,610	6,005	5,013	3,204	1,219
Las Animas	7,187	85	382	515	495	464	472	1,025	831	634	730	785	562	207
Lincoln	2,243	46	151	145	116	121	136	305	262	239	250	247	153	72
Logan	9,619	137	577	722	604	605	731	1,595	1,215	938	970	781	539	205
Mesa	44,425	636	2,720	3,447	3,045	2,930	3,298	7,723	6,621	4,062	3,770	3,308	2,079	786
Mineral	320	7	19	19	18	29	23	35	60	40	21	40	8	1
Moffat	5,951	103	449	578	505	404	304	1,034	1,057	602	440	254	157	64
Montezuma	8,897	120	580	808	747	622	529	1,320	1,322	900	801	639	371	138
Montrose	12,793	160	752	1,061	907	826	765	1,924	1,948	1,387	1,149	1,045	644	225
Morgan	11,106	180	753	931	782	698	696	1,725	1,497	1,077	1,025	903	601	238
Otero	11,244	187	725	862	753	759	812	1,605	1,397	1,059	1,053	1,014	715	303
Ouray	911	8	44	74	66	61	46	116	184	97	89	75	47	4
Park	3,112	71	236	254	248	257	198	485	639	302	212	151	43	16
Phillips	2,308	25	128	178	163	131	128	310	307	217	216	230	194	81
Pitkin	6,270	81	299	304	324	417	733	2,036	1,039	553	276	139	61	8
Prowers	7,080	146	574	659	518	454	454	1,099	948	648	612	524	308	136
Pueblo	66,156	951	3,598	4,485	4,411	5,125	5,748	10,377	8,288	6,260	6,703	5,701	3,386	1,123
Rio Blanco	2,812	48	217	277	226	186	179	451	417	322	235	141	89	24
Rio Grande	5,926	115	454	526	425	373	363	981	790	575	512	426	274	112
Routt	6,902	116	470	527	476	423	539	1,886	1,191	567	334	201	123	49
Saguache	1,958	42	161	180	125	118	137	288	250	164	203	164	100	26
San Juan	329	9	34	36	23	16	17	72	65	24	24	9	0	0
San Miguel	1,726	29	115	147	130	131	112	395	397	117	62	54	26	11

Place	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Sedgwick	1,462	12	57	90	117	114	84	159	172	156	166	184	113	38
Summit	6,584	107	431	443	410	511	1,036	2,100	906	368	180	68	23	1
Teller	5,612	120	407	423	389	421	451	996	1,027	538	411	279	119	31
Washington	2,481	25	140	207	177	141	129	348	331	259	287	249	132	56
Weld	71,135	1,328	4,424	5,322	4,860	6,796	7,570	12,222	9,860	6,221	5,043	4,073	2,530	886
Yuma	4,923	65	306	423	371	315	269	679	681	478	478	429	290	139
Planning and Management Regions														
PMR 1	31,899	444	1,961	2,551	2,214	2,004	2,037	4,816	4,203	3,125	3,142	2,776	1,869	757
2	161,692	3,074	9,637	11,428	10,256	16,033	18,326	28,262	22,872	13,831	11,048	9,086	5,734	2,105
3	954,230	15,561	59,632	66,911	62,793	63,409	77,782	189,928	156,551	91,397	76,024	53,621	29,279	11,342
4	201,605	4,155	13,221	15,000	14,858	19,096	17,864	33,554	30,171	19,833	15,919	10,577	5,438	1,919
5	11,585	190	757	934	832	804	784	1,764	1,755	1,111	1,021	883	552	198
6	25,753	442	1,750	2,093	1,733	1,663	1,730	3,741	3,242	2,386	2,552	2,318	1,472	631
7	66,156	951	3,598	4,485	4,411	5,125	5,748	10,377	8,288	6,260	6,703	5,701	3,386	1,123
8	20,395	396	1,525	1,847	1,470	1,508	1,503	3,329	2,648	1,845	1,731	1,448	847	298
9	27,726	512	1,841	2,163	1,909	2,189	2,300	4,914	4,063	2,592	2,254	1,703	933	353
10	32,825	483	1,859	2,433	2,183	2,584	2,751	5,006	4,856	3,121	2,703	2,593	1,662	591
11	66,019	1,019	4,311	5,385	4,671	4,343	4,669	11,692	10,246	6,151	5,277	4,404	2,802	1,049
12	34,100	585	2,233	2,330	2,133	2,381	3,930	9,947	5,351	2,548	1,444	756	369	93
13	25,220	403	1,442	1,715	1,633	1,858	1,856	3,837	3,211	2,358	2,269	2,281	1,780	577
14	10,823	130	601	816	722	655	669	1,621	1,295	964	1,090	1,145	811	304
Metro/Non-Metro														
Den PMSA	841,463	13,691	53,046	59,681	55,994	54,728	65,857	167,268	137,379	80,662	68,746	48,401	26,040	9,970
Den CMSA	949,122	15,461	59,251	66,455	62,397	63,040	77,496	188,969	155,540	90,908	75,722	53,399	29,176	11,308
All Metro	1,369,851	23,450	85,064	96,691	91,285	102,616	118,785	259,681	215,205	129,992	108,769	78,333	43,572	16,408
Non-Metro	300,177	4,895	19,304	23,400	20,533	21,036	23,164	53,107	43,547	27,530	24,408	20,959	13,362	4,932
Five-Region Substate Groups														
Frnt Range	1,369,851	23,450	85,064	96,691	91,285	102,616	118,785	259,681	215,205	129,992	108,769	78,333	43,572	16,408
West Slope	160,670	2,599	10,244	12,311	10,896	11,497	13,650	31,559	24,516	14,412	11,678	9,456	5,766	2,086
East Plns	69,237	1,076	4,468	5,578	4,779	4,471	4,551	10,321	9,200	6,622	6,715	5,977	3,893	1,586
San Luis	20,395	396	1,525	1,847	1,470	1,508	1,503	3,329	2,648	1,845	1,731	1,448	847	298
East Mtns	49,875	824	3,067	3,664	3,388	3,560	3,460	7,898	7,183	4,651	4,284	4,078	2,856	962
Population-Based Regions														
1 Denver	267,390	3,977	15,982	17,429	14,304	15,012	25,030	52,513	36,545	21,034	24,814	21,288	13,785	5,677
2 Jefferson	214,321	3,607	12,811	14,421	14,962	15,895	15,873	39,408	38,667	23,850	17,615	10,601	4,879	1,732
3 Boulder	107,659	1,770	6,205	6,774	6,403	8,312	11,639	21,701	18,161	10,246	6,976	4,998	3,136	1,338
4 Adams	140,772	2,477	9,912	11,430	10,411	9,766	11,504	28,108	20,833	13,614	11,092	7,107	3,412	1,106
5 Arapahoe	196,239	3,158	12,581	14,644	14,500	12,707	12,208	41,531	37,021	19,968	14,147	8,742	3,687	1,345
6 El Paso	192,881	3,964	12,578	14,323	14,221	18,418	17,215	32,073	28,505	18,993	15,296	10,147	5,276	1,872
7 Larimer	90,557	1,746	5,213	6,106	5,396	9,237	10,756	16,040	13,012	7,610	6,005	5,013	3,204	1,219
8 Pueblo	66,156	951	3,598	4,485	4,411	5,125	5,748	10,377	8,288	6,260	6,703	5,701	3,386	1,123
9 Weld	71,135	1,328	4,424	5,322	4,860	6,796	7,570	12,222	9,860	6,221	5,043	4,073	2,530	886
10 Northwest	66,019	1,019	4,311	5,385	4,671	4,343	4,669	11,692	10,246	6,151	5,277	4,404	2,802	1,049
11 Western	66,925	1,068	4,092	4,763	4,316	4,965	6,681	14,953	10,207	5,669	4,147	3,349	2,031	684
12 Eastern	69,237	1,076	4,468	5,578	4,779	4,471	4,551	10,321	9,200	6,622	6,715	5,977	3,893	1,586
13 Central	61,793	1,166	4,226	4,605	4,483	4,253	4,033	11,985	10,201	5,883	4,272	3,596	2,322	768
14 Southern	58,944	1,038	3,967	4,826	4,101	4,352	4,472	9,864	8,006	5,401	5,075	4,296	2,591	955

Population figures are 1986-based projections from the Demographic Section, Colorado Department of Local Affairs. These figures are subject to revision. See inside back cover for descriptions of regions.

Part Three. Live Births

Numbers of Live Births

There were 53,803 live births to Colorado resident women in 1987, 1,339 fewer than the record-high of 55,142 live births in 1986. The number of resident live births in 1987 was the lowest since 1981, when 52,104 live births were recorded.

Of the total 53,803 resident live births in 1987, 53,439 (99.3 percent) occurred in Colorado and 346 (0.7 percent) occurred out of the state. There were 657 live births to non-residents in Colorado in 1987, for a total of 54,096 live births actually occurring in the state.

Figure 4 shows the distribution of Colorado resident live births by county in 1987.

Birth Rates

Colorado's birth rate decreased to 16.2 live births per 1,000 population in 1987, the lowest birth rate for the state since 1977's rate of 16.0. The state's birth rate therefore continued a downward trend ongoing since 1982, when the state's birth rate reached a twelve-year high of 17.8. The birth rate slipped to 17.4 in 1983, 17.0 in 1984 and 1985, and 16.9 in 1986. Colorado's birth rate fell by 4.1 percent between 1986 and 1987.

Despite declines, Colorado's birth rate continued to exceed that of the United States, which was estimated at 15.7 for 1987. Table 14 shows numbers and rates of live births for Colorado and the United States for selected years between 1918 and 1987. Figure 5 compares birth rates for the state and nation since 1970.

Figure 4. Number of Live Births by County: Colorado Residents, 1987

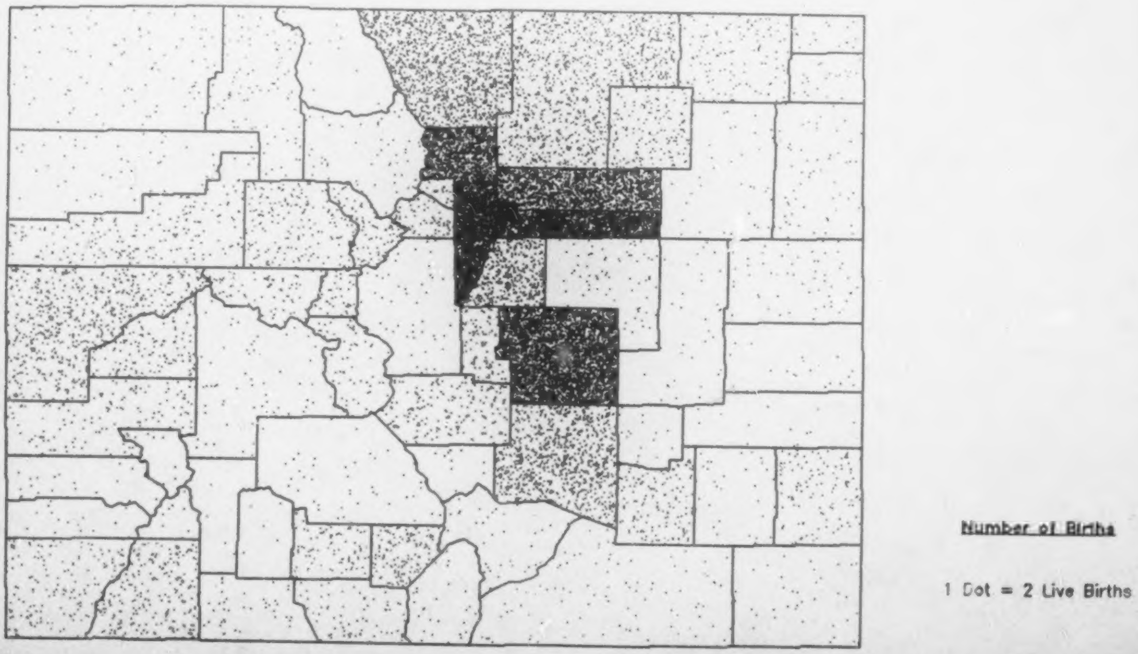
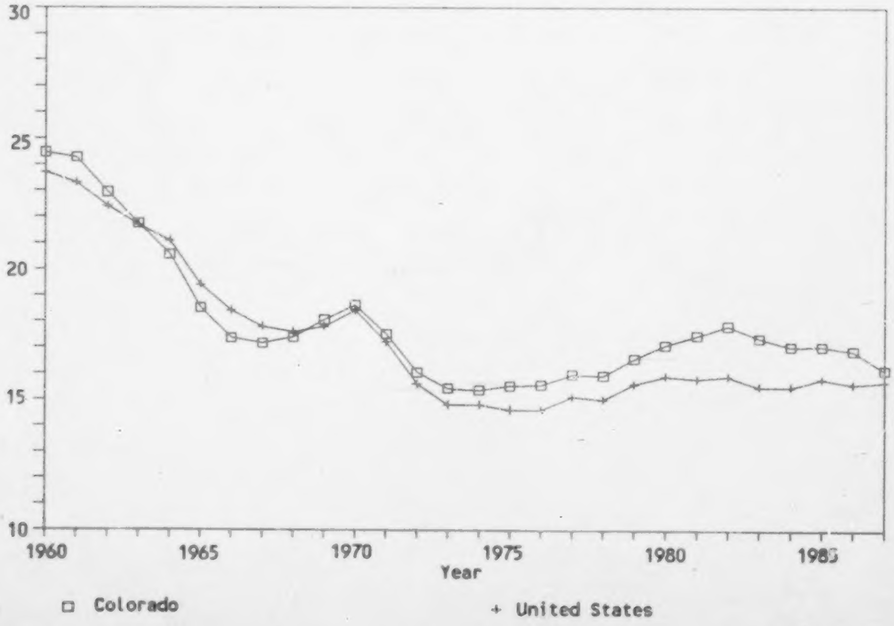


Table 14. Live Births and Birth Rates: Colorado Residents and United States, Selected Years, 1910-1987

Year	Colorado Population	Live Births Colorado Number	Rate	U.S. Rate	Year	Colorado Population	Live Births Colorado Number	Rate	U.S. Rate
1910	799,024	12,164	15.2	-	1970	2,228,340	41,480	18.6	18.4
					1971	2,303,608	40,360	17.5	17.2
1920	939,629	18,676	19.9	23.7	1972	2,404,715	38,585	16.0	15.6
					1973	2,495,942	38,507	15.4	14.8
1930	1,035,791	18,878	18.2	18.9	1974	2,541,424	39,036	15.4	14.8
					1975	2,586,243	40,148	15.5	14.6
1940	1,123,296	21,416	19.1	17.9	1976	2,632,370	40,978	15.6	14.6
					1977	2,696,179	43,056	16.0	15.1
1950	1,325,089	33,853	25.5	23.6	1978	2,766,843	44,063	15.9	15.0
					1979	2,849,298	47,179	16.6	15.6
1960	1,753,947	42,905	24.5	23.7					
1961	1,840,000	44,648	24.3	23.3	1980	2,908,277	49,716	17.1	15.9
1962	1,900,000	43,594	22.9	22.4	1981	2,983,899	52,104	17.5	15.8
1963	1,940,000	42,179	21.7	21.7	1982	3,071,649	54,786	17.8	15.9
1964	1,970,000	40,537	20.6	21.1	1983	3,148,497	54,644	17.4	15.5
1965	1,990,000	36,851	18.5	19.4	1984	3,189,667	54,339	17.0	15.5
1966	2,010,000	34,899	17.4	18.4	1985	3,234,363	55,115	17.0	15.8
1967	2,050,000	35,166	17.2	17.8	1986	3,267,129	55,142	16.9	15.6
1968	2,120,000	36,842	17.4	17.6	1987	3,331,230	53,803	16.2	15.7
1969	2,170,000	39,189	18.1	17.8					

Birth rates are per 1,000 population. Populations for years before 1961 are April 1 census counts. Populations for 1961 and later years are midyear estimates. Population figures for 1980-87 are 1986-based estimates and projections from the Demographic Section, Colorado Department of Local Affairs U.S. data are from the National Center for Health Statistics. U.S. birth rate for 1987 is provisional.

Figure 5. Birth Rates: Colorado Residents and United States, 1960-1987



Sex of Child

Of the total 53,803 Colorado resident live births in 1987, there were 27,671 (51.4 percent) males and 26,132 (48.6 percent) females. The sex ratio for Colorado babies born was 1,058 males per 1,000 females in 1987. In 1986, the sex ratio of U.S. births was 1,051 males to 1,000 females. Higher proportions of male births are characteristic among all race groups. In Colorado in 1987, 50.6 percent of black births, 51.7 percent of Spanish origin births, and 51.5 percent of Anglo (non-Spanish surname) white births were male.

Place of Delivery/Certifier Type

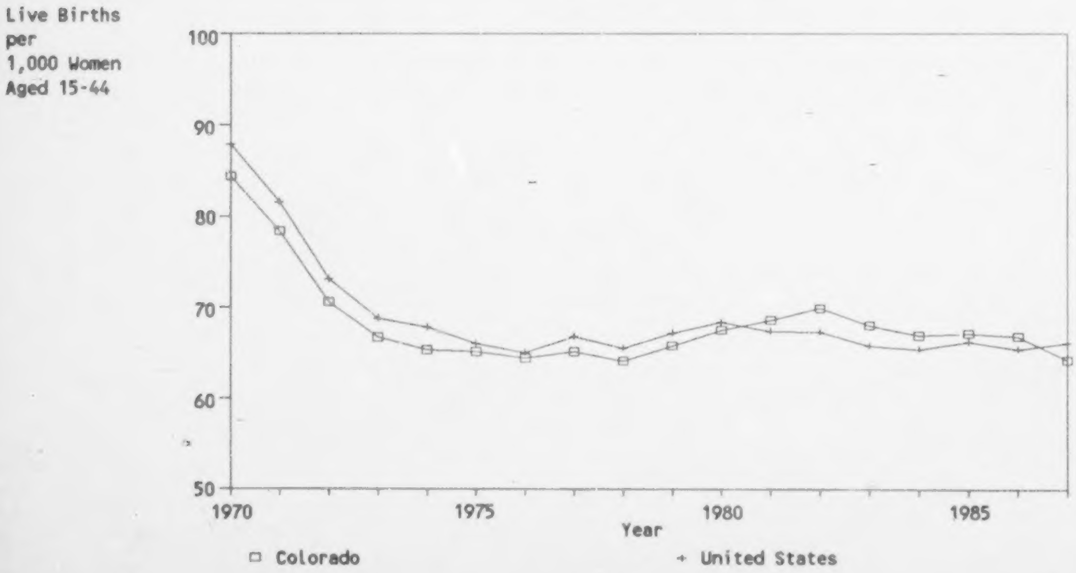
In 1987, 98.9 percent of the 54,096 babies born in Colorado were delivered in hospitals, compared with 99.0 percent for the United States in each year between 1984 and 1986. Hospital births totaled 53,519 in Colorado in 1987. A total of 379 live births (0.7 percent of total live births) occurred at home or at a place with a street address not belonging to a medical facility. Free-standing birth centers, clinics, and other named places accounted for the balance of 198 births.

Physicians in hospitals certified 52,239 of the live births occurring in the state in 1987. Physicians not in hospitals certified an additional 231 births. A total of 1,132 live births were certified by certified nurse midwives, compared with 1,032 in 1986 and 799 in 1985. The balance of 494 births were certified by "others," a category that includes hospital administrators and fathers of the babies. While a considerable majority of births are certified by the attendant at the birth, procedures for completion of birth records in Colorado do not require certification by the birth attendant. This should be taken into account when considering these data.

General Fertility Rate

In 1987, Colorado's general fertility rate decreased to 64.2 live births per 1,000 women aged 15-44, down from 66.8 in 1986 and 67.1 in 1985. The general fertility rate in 1987 was the lowest for the state since 1978's rate of 64.1. The provisional U.S. general fertility rate was 66.1 in 1987, which marked the first time since 1980 that the U.S. fertility rate was higher than that for Colorado. Figure 6 compares Colorado and U.S. general fertility rates between 1970 and 1987. Recent declines in the general fertility rate are associated with an aging childbearing population and a trend toward women delaying giving birth to older ages.

Figure 6. General Fertility Rates: Colorado Residents and United States, 1970-1987



Births by Race

White births accounted for 48,718 (90.5 percent) of the total 53,803 Colorado resident live births in 1987. Spanish surname white births totaled 7,793 (14.5 percent of all births) and Anglo (non-Spanish surname) white births totaled 40,925 (76.1 percent).

Among non-whites, there were 3,161 black births (5.9 percent), 1,283 Asian births (2.4 percent), and 543 Native American births (1.0 percent) to Colorado residents in 1987.

It is possible to estimate vital rates by race by using race categories more comparable to those in available population projections. These categories also consider entries for ethnic origin appearing on the birth certificate. A comparison of race and ethnicity for the three most-populous groups in the state, white (white race/non-Spanish origin), Hispanic (white race/Spanish origin), and black, reveals considerable differences in birth and fertility rates.

Blacks experienced the highest birth rates among these three race/ethnic groups in 1987 with a rate of 25.5 live births per 1,000 population. The birth rate for Hispanics was 19.0, and that for whites was 15.1. Whites account for over 80 percent of the state's population. The state's overall birth rate of 16.2 therefore substantially reflects lower rates in the white population.

Differences in childbearing patterns among the race/ethnic groups also appear in general fertility rates. In 1987, the general fertility rate for blacks was 101.6 births per 1,000 women aged 15-44. The general fertility rate for Hispanics was 77.0, while the rate for whites was 60.3.

Age of Mother

As Colorado's population as a whole has been aging in the 1980's, so has the population of women giving birth. The median age of Colorado resident women giving birth in 1987 was 26.9 years, up from 26.7 years in 1986 and 26.5 years in 1985.

This increase in the median age of mothers not only indicates aging in the female population, but changes in childbearing patterns among women in different age groups as well. A general trend toward later childbearing has occurred in Colorado through the 1980's. Age-specific fertility rates for women aged 18-24 years have decreased, while rates for women aged 25 and older have increased. It is only among the youngest women giving birth, those younger than 18, that no change in childbearing rates has occurred.

Numbers of Colorado live births by age group of women for the years 1970 through 1987 appear in Table 15. Table 16 shows Colorado and U.S. general fertility rates, age-specific fertility rates, and total fertility rates for these years.

In 1987, the greatest numbers of live births in the state occurred to women aged 25-29. One-third of all resident live births were to women in this age group. Twenty-seven percent of live births were to women aged 20-24, followed by twenty-two percent born to women aged 30-34. Colorado women giving birth in 1987 ranged from 13 to 52 years.

Age-specific fertility rates likewise were highest for women aged 25-29. There were 116.2 live births per 1,000 women in this age group in 1987, up 8.4 percent from a rate of 107.2 in 1980. The fertility rate for women aged 20-24 followed at 100.3, down 10.0 percent from 1980's rate of 111.5

Increases in fertility rates between 1980 and 1987 were most notable among women in older age groups. The fertility rate for Colorado women aged 35-39 increased 43.7 percent between 1980 and 1987, from 19.0 to 27.3. For women aged 30-34, 1987's fertility rate of 72.4 was 14.2 percent higher than 1980's rate of 63.4.

While Table 16 indicates decreases in fertility rates among teens aged 15-19 over the 1980's, the decrease for this age group was concentrated among the oldest teens, those aged 18-19. These teens experienced a rate of 70.7 in 1987, down 11.1 percent from a rate of 79.5 in 1980. Older teens therefore followed a pattern very similar to women in their early twenties.

Teens aged 15-17 experienced no such decrease. With a rate of 27.5 in 1987 compared to a rate of 27.9 in 1980, there has been no change in childbearing for this age group in the 1980's. There also has been no change in fertility rates among teens aged 10-14.

Table 21 contains numbers of births and fertility rates by single-year age of Colorado mothers in 1987.

Consistent with trends in the general fertility rate, almost all age-specific fertility rates were lower for Colorado than the United States between 1970 and 1980. Since 1980, rates of childbearing for women in their twenties and thirties generally have been slightly higher in Colorado than the nation. It is only among teens aged 15-19 that Colorado has had consistently lower fertility rates than the United States. Figures 7 and 8 compare age-specific fertility rates for Colorado and the nation between 1970 and 1987.

Table 15. Live Births by Age Group of Mother: Colorado Residents, 1970-1987

Year	Total Births	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1970	41,480	43	7,132	16,436	11,329	4,441	1,631	439	24
1971	40,360	59	7,005	16,161	11,045	4,275	1,424	365	21
1972	38,585	81	6,799	14,506	11,263	4,269	1,311	332	17
1973	38,507	81	6,896	14,206	11,398	4,389	1,199	305	16
1974	39,036	76	6,846	14,145	11,973	4,518	1,195	269	11
1975	40,148	88	6,627	14,533	12,565	4,885	1,211	222	16
1976	40,978	65	6,429	14,368	13,393	5,220	1,264	221	17
1977	43,056	62	6,318	14,938	13,899	6,204	1,381	228	19
1978	44,063	75	6,144	15,167	14,309	6,620	1,505	225	13
1979	47,179	74	6,355	15,951	15,394	7,470	1,670	253	9
1980	49,716	57	6,530	16,642	16,081	8,349	1,842	198	12
1981	52,104	77	6,587	17,137	16,807	9,170	2,045	266	11
1982	54,786	62	6,497	17,965	17,801	9,685	2,492	268	10
1983	54,644	81	6,177	17,088	17,893	10,304	2,766	319	10
1984	54,339	66	5,724	16,541	17,655	10,879	3,121	334	11
1985	55,115	90	5,634	16,242	18,065	11,231	3,464	370	13
1986	55,142	83	5,562	15,546	18,078	11,634	3,824	404	8
1987	53,803	82	5,635	14,245	17,748	11,602	3,964	505	16

Total Fertility Rates

Total fertility rates indicate the number of live births that 1,000 women would have if they experienced the set of age-specific birth rates in effect in a given year throughout their childbearing years. This hypothetical measure shows the potential impact of current fertility levels by age on completed family size.

As Table 16 shows, Colorado's total fertility rate was 1,834.7 per 1,000 women aged 15-44 in 1987, meaning there would be about that many births per 1,000 women (or an average 1.8 births per individual woman) if the age-specific rates remained the same over time.

Total fertility rates declined in both Colorado and the United States until the mid-1970's. Rates have fluctuated since then, averaging slightly higher in Colorado than in the nation as a whole.

Table 16. General Fertility Rates, Age-Specific Fertility Rates, and Total Fertility Rates: Colorado Residents and United States, 1970-1987

Year	General Fertility Rate	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	Total Fertility Rate
Colorado										
1970	84.4	0.4	65.8	160.6	138.6	64.5	25.4	6.7	0.4	2,311.8
1971	78.4	0.5	62.3	145.7	126.8	58.7	21.8	5.5	0.3	2,108.1
1972	70.6	0.7	57.6	126.5	113.1	54.1	19.3	5.0	0.3	1,881.9
1973	66.7	0.7	56.0	117.8	106.1	50.4	16.9	4.5	0.2	1,762.5
1974	65.3	0.6	54.5	113.4	104.6	49.1	16.4	4.0	0.2	1,713.8
1975	65.1	0.7	52.0	112.5	103.6	50.7	16.2	3.3	0.2	1,696.6
1976	64.4	0.5	50.0	108.5	103.1	52.2	16.3	3.2	0.3	1,670.6
1977	65.1	0.5	58.7	108.9	105.0	55.8	16.9	3.3	0.3	1,697.6
1978	64.1	0.7	47.1	107.0	103.8	56.3	17.1	3.1	0.2	1,676.4
1979	65.8	0.7	48.2	109.1	106.3	59.4	17.9	3.4	0.1	1,725.7
1980	67.5	0.5	49.5	111.5	107.2	63.4	19.0	2.6	0.2	1,769.8
1981	68.6	0.7	50.4	113.8	109.3	66.1	19.6	3.3	0.2	1,816.2
1982	69.9	0.6	49.8	117.8	112.8	66.4	22.2	3.2	0.1	1,864.8
1983	68.0	0.7	47.8	112.3	111.7	67.9	23.0	3.5	0.1	1,835.3
1984	66.9	0.6	45.1	111.1	111.0	70.0	24.6	3.5	0.1	1,829.8
1985	67.1	0.8	45.0	111.4	114.8	71.0	25.9	3.7	0.2	1,863.7
1986	66.8	0.8	44.9	108.8	117.7	73.3	27.4	3.8	0.1	1,883.7
1987	64.2	0.7	45.5	100.3	116.2	72.4	27.3	4.4	0.2	1,834.7
United States										
1970	87.9	1.2	68.4	167.8	145.1	73.3	31.7	8.1	0.5	2,480.0
1971	81.6	1.1	64.5	150.1	134.1	67.3	28.7	7.1	0.4	2,266.5
1972	73.1	1.2	61.7	130.2	117.7	59.8	24.8	6.2	0.4	2,010.0
1973	68.8	1.2	59.3	119.7	112.2	55.6	22.1	5.4	0.3	1,879.0
1974	67.8	1.2	57.5	117.7	111.5	53.8	20.2	4.8	0.3	1,835.0
1975	66.0	1.3	55.6	113.0	108.2	52.3	19.5	4.6	0.3	1,774.0
1976	65.0	1.2	52.8	110.3	106.2	53.6	19.0	4.3	0.2	1,738.0
1977	66.8	1.2	52.8	112.9	111.0	56.4	19.2	4.2	0.2	1,789.5
1978	65.5	1.2	51.5	109.9	108.5	57.8	19.0	3.9	0.2	1,760.0
1979	67.2	1.2	52.3	112.8	111.4	60.3	19.5	3.9	0.2	1,808.0
1980	68.4	1.1	53.0	115.1	112.9	61.9	19.8	3.9	0.2	1,839.5
1981	67.4	1.1	52.7	111.8	112.0	61.4	20.0	3.8	0.2	1,815.0
1982	67.3	1.1	52.9	111.3	111.0	64.2	21.1	3.9	0.2	1,828.5
1983	65.8	1.1	51.7	108.3	108.7	64.6	22.1	3.8	0.2	1,802.5
1984	65.4	1.2	50.9	107.3	108.3	66.5	22.8	3.9	0.2	1,805.5
1985	66.2	1.2	51.3	108.9	110.5	68.5	23.9	4.0	0.2	1,842.5
1986	65.4	1.3	50.6	108.2	109.2	69.3	24.3	4.1	0.2	1,836.0
1987	66.1	-	-	-	-	-	-	-	-	-

General fertility rates are total live births per 1,000 women aged 15-44. Age-specific fertility rates are live births per 1,000 women in each age group. Total fertility rates are the sum of age-specific fertility rates of women at each age group 10-14 through 45-49. Since 5-year age groups are used, the sum is multiplied by 5.

Figure 7. Fertility Rates by Age: Colorado Residents, 1970-1987

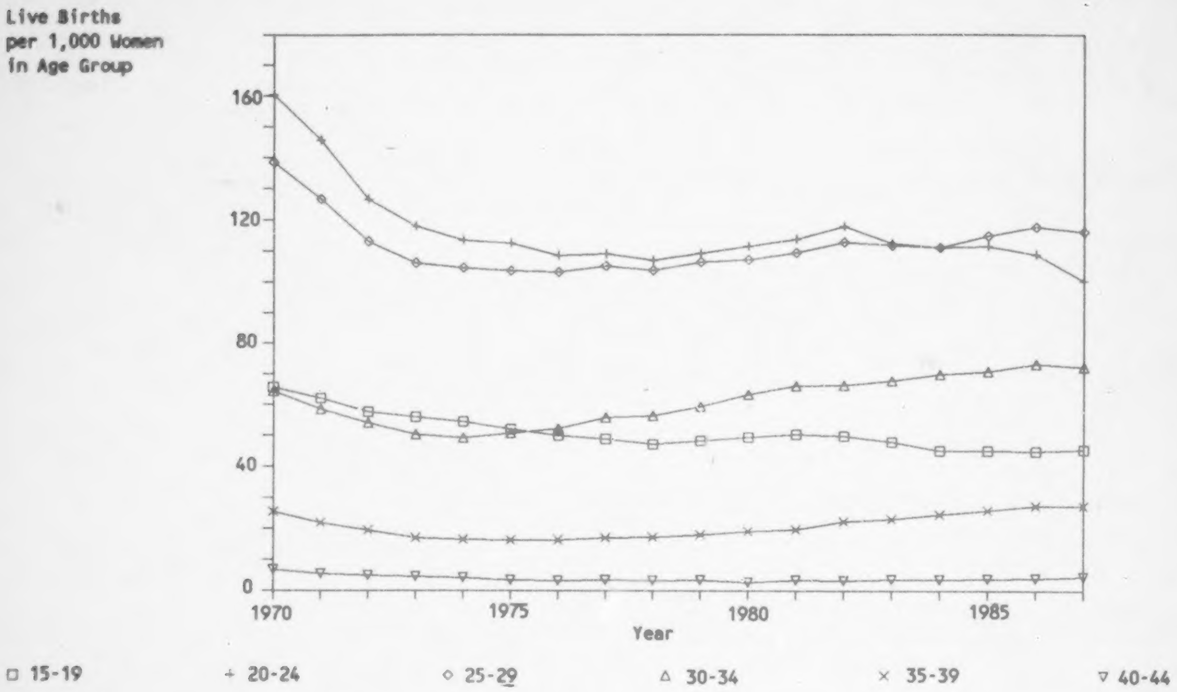
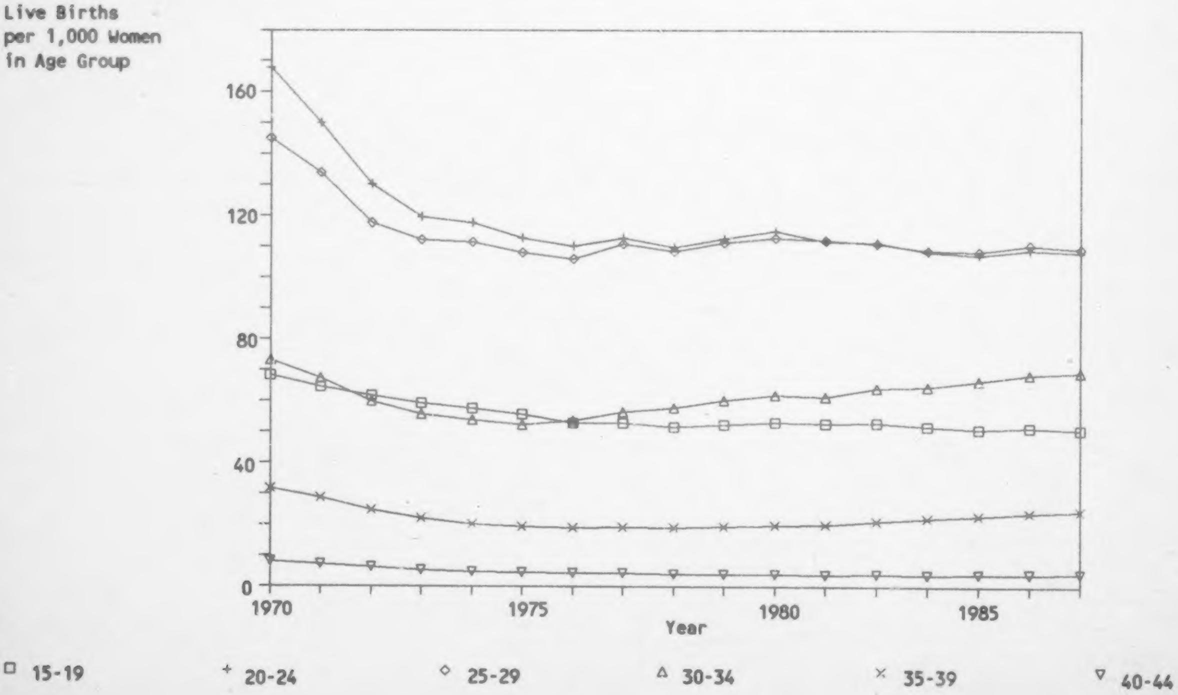


Figure 8. Fertility Rates by Age: United States, 1970-1987



Age of Father

Table 17 presents live births by age of mother and age of father by race of child. Paternal data from birth records are incomplete because of the large percentage of live births to unmarried women, 18.9 percent of Colorado births in 1987. Colorado law permits compilation of paternal information only for births in which the mother was married at conception or at the time of the birth. Exceptions are limited to cases where a court has determined paternity or a child's parents jointly have requested the information be added to the birth record.

As Table 17 shows, paternal data were missing from 9,776 of the total 53,803 resident live births in 1987. The modal age of fathers for which information was reported was 30 years. Fathers' ages ranged between 13 and 71 years.

Of the 44,029 live births for which data were available, one-third of fathers were aged 25-29, followed by 29 percent aged 30-34, 16.6 percent aged 20-24, and 14.1 percent aged 35-39.

Table 17. Live Births by Age of Mother and Age of Father by Race of Child: Colorado Residents, 1987

		Age of Father										
Age of Mother	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55+	Unknown/ Not Stated
All Races												
Total	53,803	1	700	7,315	14,480	12,966	6,203	1,821	388	103	52	9,774
<15	82	1	3	1	1	0	0	0	0	0	0	76
15-19	5,635	0	530	1,439	312	50	17	3	3	3	0	3,278
20-24	14,245	0	154	4,846	4,438	1,021	233	48	12	4	3	3,486
25-29	17,748	0	12	880	8,202	5,216	1,264	280	67	15	11	1,801
30-34	11,602	0	1	124	1,327	5,834	2,745	632	110	25	15	789
35-39	3,964	0	0	21	186	785	1,823	678	140	33	11	287
40-44	505	0	0	4	14	58	120	177	49	20	11	52
45+	17	0	0	0	0	2	1	3	6	3	1	1
Unk/Not Stated	5	0	0	0	0	0	0	0	1	0	0	4
Total White												
Total	48,718	0	641	6,602	13,387	12,089	5,730	1,677	347	96	44	8,105
<15	64	0	3	1	0	0	0	0	0	0	0	60
15-19	4,911	0	486	1,295	280	45	15	3	2	3	0	2,782
20-24	12,686	0	141	4,394	4,089	907	204	45	12	4	2	2,888
25-29	16,139	0	10	786	7,611	4,838	1,144	255	57	14	7	1,417
30-34	10,756	0	1	102	1,228	5,506	2,548	575	100	22	13	661
35-39	3,682	0	0	20	166	742	1,709	624	128	32	11	250
40-44	464	0	0	4	13	49	109	172	42	19	10	46
45+	15	0	0	0	0	2	1	3	5	2	1	1
Unk/Not Stated	1	0	0	0	0	0	0	0	1	0	0	0
Anglo White												
Total	40,925	0	445	5,268	11,692	11,087	5,259	1,515	304	79	37	5,239
<15	26	0	1	1	0	0	0	0	0	0	0	24
15-19	3,165	0	331	921	199	27	15	2	1	2	0	1,667
20-24	9,928	0	104	3,588	3,425	757	163	35	10	4	2	1,840
25-29	14,161	0	8	658	6,801	4,395	1,004	218	47	12	6	1,012
30-34	9,863	0	1	81	1,112	5,177	2,366	527	89	17	12	481
35-39	3,368	0	0	16	144	687	1,610	572	116	29	9	185
40-44	402	0	0	3	11	43	101	159	35	14	7	29
45+	11	0	0	0	0	1	0	2	5	1	1	1
Unk/Not Stated	1	0	0	0	0	0	0	0	1	0	0	0

Age of Mother	Total	Age of Father										Unknown/
		<15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55+	Not Stated
Spanish Surname White												
Total	7,793	0	196	1,334	1,695	1,002	471	162	43	17	7	2,866
<15	38	0	2	0	0	0	0	0	0	0	0	36
15-19	1,746	0	155	374	81	18	0	1	1	1	0	1,115
20-24	2,758	0	37	806	664	150	41	10	2	0	0	1,048
25-29	1,978	0	2	128	810	443	140	37	10	2	1	405
30-34	893	0	0	21	116	329	182	48	11	5	1	180
35-39	314	0	0	4	22	55	99	52	12	3	2	65
40-44	62	0	0	1	2	6	8	13	7	5	3	17
45+	4	0	0	0	0	1	1	1	0	1	0	0
Unk/Not Stated	0	0	0	0	0	0	0	0	0	0	0	0
Total Non-White												
Total	4,995	1	59	709	1,083	863	459	138	39	7	8	1,629
<15	18	1	0	0	1	0	0	0	0	0	0	16
15-19	717	0	44	144	32	5	2	0	1	0	0	489
20-24	1,538	0	13	449	345	114	29	3	0	0	1	584
25-29	1,584	0	2	93	585	373	116	25	10	1	4	375
30-34	824	0	0	22	99	321	190	52	10	3	2	125
35-39	272	0	0	1	20	41	112	53	10	1	0	34
40-44	40	0	0	0	1	9	10	5	7	1	1	6
45+	2	0	0	0	0	0	0	0	1	1	0	0
Unk/Not Stated	0	0	0	0	0	0	0	0	0	0	0	0
Black												
Total	3,161	1	42	467	561	401	216	65	21	6	4	1,377
<15	14	1	0	0	0	0	0	0	0	0	0	13
15-19	542	0	31	92	8	0	1	0	1	0	0	409
20-24	1,080	0	9	305	180	64	15	2	0	0	1	504
25-29	947	0	2	57	318	166	58	12	6	1	2	325
30-34	427	0	0	12	45	150	87	29	5	2	1	96
35-39	131	0	0	1	10	16	48	21	7	1	0	27
40-44	19	0	0	0	0	5	7	1	2	1	0	3
45+	1	0	0	0	0	0	0	0	0	1	0	0
Unk/Not Stated	0	0	0	0	0	0	0	0	0	0	0	0
Native American												
Total	543	0	9	89	135	69	40	13	3	1	1	183
<15	1	0	0	0	0	0	0	0	0	0	0	1
15-19	88	0	7	19	5	0	0	0	0	0	0	57
20-24	193	0	2	60	51	8	8	1	0	0	0	63
25-29	157	0	0	9	62	33	10	1	1	0	1	40
30-34	72	0	0	1	13	20	14	5	2	1	0	16
35-39	26	0	0	0	4	6	7	5	0	0	0	4
40-44	6	0	0	0	0	2	1	1	0	0	0	2
45+	0	0	0	0	0	0	0	0	0	0	0	0
Unk/Not Stated	0	0	0	0	0	0	0	0	0	0	0	0
Asian												
Total	1,283	0	8	151	386	392	200	60	15	0	3	68
<15	3	0	0	0	1	0	0	0	0	0	0	2
15-19	86	0	6	33	19	5	1	0	0	0	0	22
20-24	261	0	2	82	113	41	6	0	0	0	0	17
25-29	479	0	0	27	205	174	47	12	3	0	1	10
30-34	323	0	0	9	41	151	87	18	3	0	1	13
35-39	115	0	0	0	6	19	57	27	3	0	0	3
40-44	15	0	0	0	1	2	2	3	5	0	1	1
45+	1	0	0	0	0	0	0	0	1	0	0	0
Unk/Not Stated	0	0	0	0	0	0	0	0	0	0	0	0

Live-Birth Order

In 1987, 41.4 percent of live births (22,278 live births) were first-time births for women. Women reporting second births accounted for 33.5 percent of births (18,011 live births). Third-order births represented 15.7 percent (8,449 live births) and fourth-order births represented 5.5 percent of births (2,951 live births).

Fertility rates by live-birth order were very similar for Colorado in 1987 and the United States in 1986, the last year for which national data of this type were available. Colorado's rate for first-order births in 1987 of 26.9 live births per 1,000 women aged 15-44 was comparable to the U.S. rate of 27.2 in 1986. This means that about 27 of every 1,000 women of childbearing age gave birth for the first time in those years.

The rate for second-order births in the state was 21.7, compared to 21.6 for the nation, followed by the third-order rate of 10.2 in Colorado and 10.3 in the nation. The fertility rate for fourth-order births stood at 3.6 and 3.8 for Colorado and the nation.

Table 18 shows live-birth order for Colorado resident live births in 1987 by age of mother and race of child.

Table 18. Live Births by Age of Mother, Race of Child, and Live-Birth Order: Colorado Residents, 1987

Race of Child	Age of Mother									
	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown/ Not Stated
All Races										
All Births	53,803	82	5,635	14,245	17,748	11,602	3,964	505	17	5
Birth Order 1	22,278	77	4,400	6,748	6,575	3,425	956	95	1	1
2	18,011	4	995	4,969	6,434	4,196	1,286	124	1	2
3	8,449	0	177	1,779	3,140	2,377	875	99	2	0
4	2,951	0	22	489	1,041	902	417	76	4	0
5+	1,565	0	0	116	403	557	372	109	8	0
Unknown/Not Stated	549	1	41	144	155	145	58	2	1	2
Total White										
All Births	48,718	64	4,911	12,686	16,139	10,756	3,682	464	15	1
Birth Order 1	20,245	60	3,851	6,049	6,062	3,235	897	89	1	1
2	16,467	3	870	4,468	5,890	3,913	1,209	113	1	0
3	7,601	0	143	1,557	2,808	2,184	816	91	2	0
4	2,616	0	19	406	924	809	384	71	3	0
5+	1,338	0	0	97	322	487	327	98	7	0
Unknown/Not Stated	451	1	28	109	133	128	49	2	1	0
Anglo White										
All Births	40,925	26	3,165	9,928	14,161	9,863	3,368	402	11	1
Birth Order 1	17,300	23	2,569	5,060	5,617	3,087	859	83	1	1
2	14,073	2	512	3,419	5,218	3,672	1,144	105	1	0
3	6,222	0	64	1,073	2,300	1,960	742	81	2	0
4	1,973	0	4	239	697	651	322	59	1	0
5+	961	0	0	48	213	368	254	73	5	0
Unknown/Not Stated	396	1	16	89	116	125	47	1	1	0

Race of Child					Age of Mother					
	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown/ Not Stated
Spanish Surname White										
All Births	7,793	38	1,746	2,758	1,978	893	314	62	4	0
Birth Order 1	2,945	37	1,282	989	445	148	38	6	0	0
2	2,394	1	358	1,049	672	241	65	8	0	0
3	1,379	0	79	484	508	224	74	10	0	0
4	643	0	15	167	227	158	62	12	2	0
5+	377	0	0	49	109	119	73	25	2	0
Unknown/Not Stated	55	0	12	20	17	3	2	1	0	0
Total Non-White										
All Births	4,995	18	717	1,538	1,584	824	272	40	2	0
Birth Order 1	2,009	17	546	695	506	185	55	5	0	0
2	1,533	1	125	499	541	280	76	11	0	0
3	839	0	34	218	329	191	59	8	0	0
4	330	0	3	83	114	91	33	5	1	0
5+	225	0	0	19	79	70	45	11	1	0
Unknown/Not Stated	59	0	9	24	15	7	4	0	0	0
Black										
All Births	3,161	14	542	1,080	947	427	131	19	1	0
Birth Order 1	1,232	13	408	459	250	75	22	5	0	0
2	989	1	103	392	321	133	35	4	0	0
3	563	0	26	148	225	126	35	3	0	0
4	222	0	2	60	82	61	13	3	1	0
5+	137	0	0	12	64	32	25	4	0	0
Unknown/Not Stated	18	0	3	9	5	0	1	0	0	0
Native American										
All Births	543	1	88	193	157	72	26	6	0	0
Birth Order 1	212	1	71	84	48	4	4	0	0	0
2	156	0	11	57	54	27	7	0	0	0
3	97	0	5	33	38	16	3	2	0	0
4	42	0	1	14	7	12	6	2	0	0
5+	32	0	0	4	9	12	5	2	0	0
Unknown/Not Stated	4	0	0	1	1	1	1	0	0	0
Asian										
All Births	1,283	3	86	261	479	323	115	15	1	0
Birth Order 1	564	3	66	152	208	106	29	0	0	0
2	385	0	11	49	165	119	34	7	0	0
3	176	0	3	34	66	49	21	3	0	0
4	66	0	0	9	25	18	14	0	0	0
5+	55	0	0	3	6	25	15	5	1	0
Unknown/Not Stated	37	0	6	14	9	6	2	0	0	0

Birth Weight

Low weight births in Colorado, which are births of less than 2,500 grams (5 pounds, 8 ounces or less), increased to 7.9 percent of total resident live births in 1987, up from 7.7 percent in both 1985 and 1986. Colorado low weight births totaled 4,265 in 1987.

Table 19 compares Colorado and U.S. low weight birth data for years 1960 through 1987. Figure 9 depicts percents of low weight births during these years. Colorado's percentage of low weight birth has exceeded that of the nation in every year since at least 1970. In 1986, 6.8 percent of U.S. live births were of low weight.

In 1986, the most recent year for which U.S. data are available, Colorado experienced the highest rates of low weight birth for both white and black births of any state in the country. In that year, low weight birth accounted for 7.3 percent of white births and 14.4 percent of black births. In the nation as a whole, low weight births were 5.6 percent for whites and 12.5 percent for blacks in 1986.

In 1987, the percent of low weight births for Colorado was 7.5 percent for whites and 14.2 percent for blacks. Colorado ranked ninth overall for low weight birth among the states and District of Columbia in 1986. All of the areas ranking higher than Colorado had higher proportions of black births and therefore higher percentages of low weight birth among total live births.

Low weight birth is more frequent among the youngest and oldest women giving birth. Table 20 presents live births by birth weight and age of mother for 1987. This table shows birth weights by 500-gram groupings and includes information for total low weight births and for very low weight births, those weighing less than 1,500 grams. In 1987, women younger than 20 years of age gave birth to 10.6 percent of all births but had 15.0 percent of low weight births and 15.6 percent of very low weight births in the state.

Among Colorado women aged 20-24, 8.4 percent of live births were of low weight. Percentages were lower for women aged 25-29 at 7.3 percent and women aged 30-34 at 6.5 percent, who experienced the lowest percent of low weight birth of any age group. Percentages were higher for women aged 35-39 at 7.8 percent and higher still among women aged 40-44 at 11.1 percent.

In 1987, the median age of mothers of low weight babies was 26.1 years, compared with 26.2 years in 1986 and 25.7 years in 1985. The mean age of these women was 25.9 years in 1987 and 26.1 years in 1986.

Single-year age data offer another method of examining trends in birth outcomes. Table 21 presents total live births and low weight births by single-year age of mother in 1987, as well as fertility rates and births to unmarried women.

Table 19. Number and Percent of Low Weight Births: Colorado Residents and Untied States, 1960-1987

Year	Total Live Births	Colorado		United States	Year	Total Live Births	Colorado		United States
		Number	Percent	Percent			Number	Percent	Percent
1960	42,905	4,402	10.3	7.7	1974	39,036	3,496	9.0	7.4
1961	44,648	4,613	10.3	7.8	1975	40,148	3,622	9.0	7.4
1962	43,594	4,587	10.5	8.0	1976	40,978	3,616	8.8	7.3
1963	42,179	4,346	10.3	8.2	1977	43,056	3,570	8.3	7.1
1964	40,537	4,282	10.6	8.2	1978	44,063	3,617	8.2	7.1
1965	36,851	3,872	10.5	8.3	1979	47,179	3,855	8.2	6.9
1966	34,899	3,728	10.7	8.3	1980	49,716	4,090	8.2	6.8
1967	35,166	3,672	10.4	8.2	1981	52,104	4,167	8.0	6.8
1968	36,842	3,660	9.9	8.2	1982	54,786	4,220	7.7	6.8
1969	39,189	3,919	10.0	8.0	1983	54,644	4,339	7.9	6.8
1970	41,480	4,002	9.6	7.9	1984	54,339	4,141	7.6	6.7
1971	40,360	3,715	9.2	7.7	1985	55,115	4,257	7.7	6.8
1972	38,585	3,563	9.2	7.7	1986	55,142	4,255	7.7	6.8
1973	38,507	3,568	9.3	7.6	1987	53,803	4,265	7.9	-

The definition of low weight birth changed in 1979 from 2,500 grams or less to less than 2,500 grams.
Source for U.S. data is the National Center for Health Statistics. U.S. percent for 1987 is provosional.

Figure 9. Percent of Low Weight Births: Colorado Residents and Untied States, 1960-1987

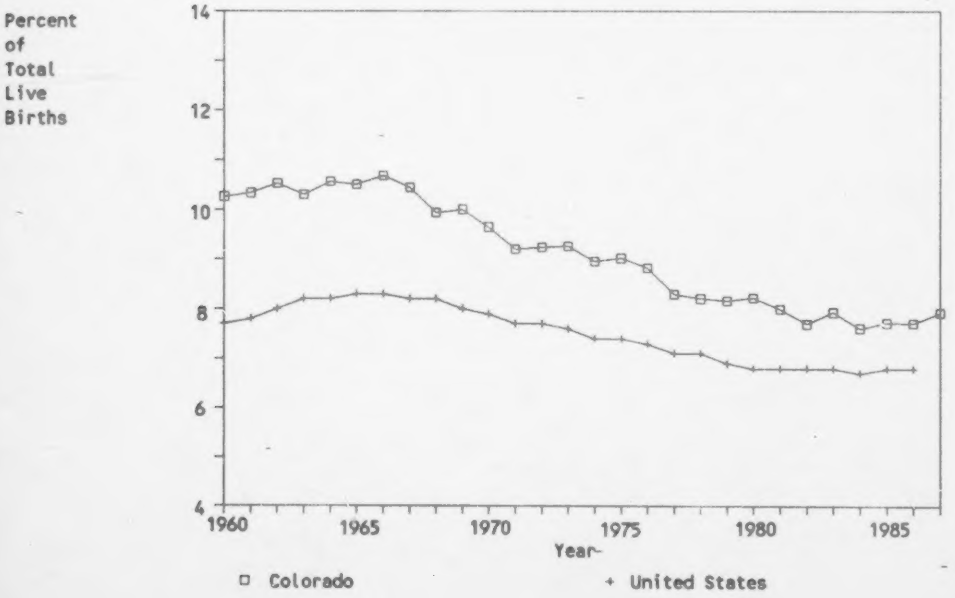


Table 20. Live Births by Birth Weight and Age of Mother: Colorado Residents, 1987

Number

Birth Weight (Grams)	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown/ Not Stated
Total	53,803	82	5,635	14,245	17,748	11,602	3,964	505	17	5
<499	44	0	7	13	12	8	4	0	0	0
500-999	240	1	33	79	59	44	19	5	0	0
1,000-1,499	266	1	44	75	67	51	25	3	0	0
1,500-1,999	753	1	106	229	221	133	58	5	0	0
2,000-2,499	2,962	7	441	801	944	523	203	43	0	0
2,500-2,999	11,065	20	1,398	3,180	3,538	2,138	706	82	2	1
3,000-3,499	21,901	37	2,348	5,801	7,367	4,607	1,546	182	10	3
3,500-3,999	13,203	13	1,077	3,296	4,422	3,170	178	143	4	0
4,000-4,499	2,964	2	159	686	990	813	277	36	1	0
4,500-4,999	350	0	19	74	109	98	46	4	0	0
5,000+	45	0	2	11	14	14	2	2	0	0
Unknown/Not Stated	10	0	1	0	5	3	0	0	0	1
Very Low Weight, <1,500	550	2	84	167	138	103	48	8	0	0
Total Low Weight, <2,500	4,265	10	631	1,197	1,303	759	309	56	0	0

Percent

Birth Weight (Grams)	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown/ Not Stated
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<499	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
500-999	0.4	1.2	0.6	0.6	0.3	0.4	0.5	1.0	0.0	0.0
1,000-1,499	0.5	1.2	0.8	0.5	0.4	0.4	0.6	0.6	0.0	0.0
1,500-1,999	1.4	1.2	1.9	1.6	1.2	1.1	1.5	1.0	0.0	0.0
2,000-2,499	5.5	8.5	7.8	5.6	5.3	4.5	5.1	8.5	0.0	0.0
2,500-2,999	20.6	24.4	24.8	22.3	19.9	18.4	17.8	16.2	11.8	20.0
3,000-3,499	40.7	45.1	41.7	40.7	41.5	39.7	39.0	36.0	58.8	60.0
3,500-3,999	24.5	15.9	19.1	23.1	24.9	27.3	4.5	28.3	23.5	0.0
4,000-4,499	5.5	2.4	2.8	4.8	5.6	7.0	7.0	7.1	5.9	0.0
4,500-4,999	0.7	0.0	0.3	0.5	0.6	0.8	1.2	0.8	0.0	0.0
5,000+	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.4	0.0	0.0
Unknown/Not Stated	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
Very Low Weight, <1,500	1.0	2.4	1.5	1.2	0.8	0.9	1.2	1.6	0.0	0.0
Total Low Weight, <2,500	7.9	12.2	11.2	8.4	7.3	6.5	7.8	11.1	0.0	0.0

Table 21. Live Births, Low Weight Births, and Births to Unmarried Women by Single-Year Age of Mother: Colorado Residents, 1987

Age of Mother	Population of Women	Total Live Births		Low Weight Births		Births to Unmarried Women	
		Number	Fertility Rate	Number	Percent	Number	Percent
Total	837,991	53,803	64.2	4,265	7.9	10,167	18.9
12	22,092	0	0.0	0	-	0	-
13	22,314	9	0.4	0	0.0	0	0.0
14	22,813	73	3.2	0	0.0	0	0.0
15	23,408	238	10.2	1	0.4	9	3.8
16	24,018	638	26.6	9	1.4	71	11.1
17	24,704	1,107	44.8	34	3.1	213	19.2
18	25,444	1,610	63.3	78	4.8	521	32.4
19	26,216	2,042	77.9	128	6.3	795	38.9
20	27,044	2,295	84.9	194	8.5	971	42.3
21	27,869	2,563	92.0	197	7.7	960	37.5
22	28,568	2,865	100.3	212	7.4	886	30.9
23	29,106	3,169	108.9	222	7.0	776	24.5
24	29,504	3,353	113.6	241	7.2	702	20.9
25	29,804	3,526	118.3	233	6.6	666	18.9
26	30,098	3,644	121.1	289	7.9	560	15.4
27	30,470	3,725	122.3	273	7.3	495	13.3
28	30,944	3,478	112.4	265	7.6	416	12.0
29	31,472	3,375	107.2	257	7.6	384	11.4
30	31,962	3,025	94.6	261	8.6	304	10.0
31	32,289	2,660	82.4	247	9.3	247	9.3
32	32,353	2,286	70.7	190	8.3	245	10.7
33	32,107	2,001	62.3	168	8.4	184	9.2
34	31,576	1,630	51.6	139	8.5	153	9.4
35	30,943	1,386	44.8	145	10.5	134	9.7
36	30,235	1,002	33.1	117	11.7	116	11.6
37	29,306	711	24.3	100	14.1	107	15.0
38	28,153	517	18.4	92	17.8	69	13.3
39	26,822	348	13.0	47	13.5	48	13.8
40	25,401	259	10.2	45	17.4	38	14.7
41	23,981	126	5.3	25	19.8	36	28.6
42	22,620	67	3.0	22	32.8	24	35.8
43	21,362	41	1.9	16	39.0	13	31.7
44	20,212	12	0.6	6	50.0	9	75.0
45	19,088	10	0.5	9	90.0	9	90.0
46	18,000	6	0.3	3	50.0	1	16.7
47	16,911	0	0.0	0	-	2	-
48	16,103	0	0.0	0	-	0	-
49	15,466	0	0.0	0	-	0	-
50+		1	-	0	0.0	0	0.0
Unknown/ Not Stated		5	-	0	0.0	2	40.0

Population figures are 1986-based projections from the Demographic Section, Colorado Department of Local Affairs. Populations figures are subject to revision.

Length of Gestation

Preterm births (less than 37 completed weeks of gestation) represented 7.5 percent of Colorado live births in 1987. Of the total 53,803 live births, 4,059 were preterm. Despite higher levels of low weight births than those for the nation as a whole, the percentage of preterm births was lower for Colorado than the 9.6 percent in the United States in 1986.

Table 22 shows Colorado resident live births by weeks of gestation and birth weight for 1987. Of total Colorado low weight births in 1987, 44.2 percent were preterm deliveries. This compares with 47.5 percent of U.S. low weight births being preterm in 1986.

Further comparison of gestational data for Colorado in 1987 and the United States in 1986 shows lower proportions of gestations under 40 weeks and higher proportions of gestations of 41 weeks and over in Colorado than in the nation.

Gestational age is determined by the entry on the birth certificate of date last normal menses began. The extent that differences in reporting may contribute to differences between Colorado and U.S. gestation data is not known.

Table 22. Live Births by Period of Gestation and Birth Weight: Colorado Residents, 1987

Birth Weight in Grams	Period of Gestation									
	All Births	Under 28 Weeks	28-31 Weeks	32-35 Weeks	36 Weeks	37-39 Weeks	40 Weeks	41 Weeks	42+ Weeks	Unknown/ Not Stated
Total	53,803	315	405	1,919	1,420	16,536	11,793	9,739	10,101	1,575
<500	44	35	1	1	0	1	0	0	1	5
500-999	240	139	55	17	1	1	1	0	7	19
1,000-1,499	266	30	113	80	11	19	0	0	4	9
1,500-1,999	753	12	86	330	76	144	24	15	31	35
2,000-2,499	2,962	18	40	527	314	1,237	269	190	265	102
2,500-2,999	11,065	18	41	456	536	4,708	2,024	1,330	1,593	359
3,000-3,499	21,901	45	50	358	332	6,919	5,379	4,180	4,045	593
3,500-3,999	13,203	12	17	119	127	2,966	3,304	3,143	3,161	354
4,000-4,499	2,964	3	2	29	18	477	707	790	857	81
4,500-4,999	350	0	0	2	5	54	76	84	118	11
5,000+	45	3	0	0	0	9	9	6	17	1
Unknown/Not Stated	10	0	0	0	0	1	0	1	2	6
Low Weight Birth (<2,500 grams)	4,265	234	295	955	402	1,402	294	205	308	170

Prenatal Care

The proportion of Colorado resident live births with prenatal care *beginning in the first trimester (first three months of pregnancy)* was 77.6 percent in 1987. In 1985 and 1986, 77.8 percent of births with entries for "month care began" on their birth records had first-trimester care, compared with 77.4 percent in 1984. These figures indicate no improvement in the early receipt of prenatal care in the state.

U.S. trends in commencement of prenatal care have been very similar to those for Colorado. Nationally, 76 percent of all mothers began prenatal care in the first trimester every year between 1979 and 1986, with the exception of 77 percent in 1984.

Second-trimester initiation of prenatal care was reported for 17.7 percent of Colorado births in 1987, compared with 17.2 percent in 1986. In the United States as a whole in 1986, prenatal care began in the second trimester for 18 percent of births.

Colorado births with prenatal care beginning in the third trimester accounted for 3.8 percent of total births. This delayed care was reported for 4.2 percent of the state's births in 1986. There has been no real change since the late 1970's in the proportion of Colorado births receiving late care. In addition, there has been no change in the percentage of the state's births with no prenatal care or care only at delivery, which stood at 0.8 percent in each year between 1984 and 1987.

The 4.6 percent of Colorado live births in 1987 receiving either third-trimester prenatal care, no care, or care only at delivery compares with 5.8 percent in the United States in 1986.

Table 23 shows month and trimester prenatal care began by age of mother for Colorado live births in 1987. Figure 10 details percent distributions of trimester prenatal care began between 1970 and 1987.

Another measure of prenatal care available from birth records is the number of prenatal care visits made during the pregnancy. The American College of Obstetricians and Gynecologists recommends about 13 prenatal visits during a normal full-term pregnancy. While there has been little change in frequency of first-trimester care in recent years, there have been increases in births with the recommended number of prenatal visits, both in Colorado and the United States.

In 1987, 13 or more prenatal visits were reported for 34.8 percent of Colorado resident live births in which there were any prenatal visits, a new high. This compares with 33.8 in 1986 and 30.8 percent in 1985. Nationally, 29.3 percent of births had 13 or more prenatal visits in 1986.

Table 24 shows the number of prenatal visits by age of mother in 1987. Of mothers with any prenatal visits reported, teens had the lowest percentage of births with 13 or more prenatal visits. Only 18.2 percent of teen mothers aged 13-14 had 13 or more prenatal visits. Thirteen or more prenatal visits were reported for 22.4 percent of mothers aged 15-17 and 23.0 percent of mothers aged 18-19. This contrasts with mothers aged 35-39, 41.0 percent of whom made 13 or more prenatal visits.

Teens also experienced the highest percentages of births with few prenatal visits. Ten percent of mothers aged 13-14 and five percent of older teens had fewer than 3 prenatal visits in 1987. This compares with 1.0 percent of mothers aged 30-34. Overall, no prenatal visits were reported for 605 resident live births in 1987, about 1 percent of total births.

Higher numbers of prenatal visits are associated with prenatal care early in the pregnancy. Table 25 shows Colorado live births by month and trimester prenatal care began by number of prenatal visits in 1987.

Table 23. Month and Trimester Prenatal Care Began by Age of Mother: Colorado Residents, 1987

	Age of Mother									
	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown/ Not Stated
Number										
Month Care Began										
Total	53,803	82	5,635	14,245	17,748	11,602	3,964	505	17	5
First	8,937	2	365	1,763	3,278	2,523	902	103	1	0
Second	20,960	5	1,278	4,876	7,648	5,233	1,710	199	9	2
Third	11,100	10	1,199	3,226	3,560	2,241	770	90	3	1
Fourth	4,625	10	857	1,494	1,290	689	242	40	3	0
Fifth	2,832	20	714	945	690	324	109	30	0	0
Sixth	1,921	17	487	701	469	169	63	14	1	0
Seventh	1,138	9	282	450	244	101	45	7	0	0
Eighth	644	2	146	239	156	76	21	4	0	0
Ninth	248	1	45	113	57	21	10	1	0	0
Trimester Care Began										
First Trimester	40,997	17	2,842	9,865	14,486	9,997	3,382	392	13	3
Second Trimester	9,378	47	2,058	3,140	2,449	1,182	414	84	4	0
Third Trimester	2,030	12	473	802	457	198	76	12	0	0
Unknown/Not Stated	959	3	160	264	254	190	71	15	0	2
No Care/Care Only at Delivery	439	3	102	174	102	35	21	2	0	0
Percent										
Month Care Began										
First	16.9	2.5	6.7	12.6	18.7	22.1	23.2	21.0	5.9	0.0
Second	39.7	6.3	23.3	34.9	43.7	45.9	43.9	40.6	52.9	66.7
Third	21.0	12.7	21.9	23.1	20.3	19.6	19.8	18.4	17.6	33.3
Fourth	8.8	12.7	15.7	10.7	7.4	6.0	6.2	8.2	17.6	0.0
Fifth	5.4	25.3	13.0	6.8	3.9	2.8	2.8	6.1	0.0	0.0
Sixth	3.6	21.5	8.9	5.0	2.7	1.5	1.6	2.9	5.9	0.0
Seventh	2.2	11.4	5.2	3.2	1.4	0.9	1.2	1.4	0.0	0.0
Eighth	1.2	2.5	2.7	1.7	0.9	0.7	0.5	0.8	0.0	0.0
Ninth	0.5	1.3	0.8	0.8	0.3	0.2	0.3	0.2	0.0	0.0
Trimester Care Began										
First Trimester	77.6	21.5	51.9	70.6	82.8	87.6	86.9	80.0	76.5	100.0
Second Trimester	17.7	59.5	37.6	22.5	14.0	10.4	10.6	17.1	23.5	0.0
Third Trimester	3.8	15.2	8.6	5.7	2.6	1.7	2.0	2.4	0.0	0.0
No Care/Care Only at Delivery	0.8	3.8	1.9	1.2	0.6	0.3	0.5	0.4	0.0	0.0

Percentages are of live births with prenatal care reported.

Figure 10. Percent of Births in Which Trimester Care Began by Age of Mother: Colorado Residents, 1987

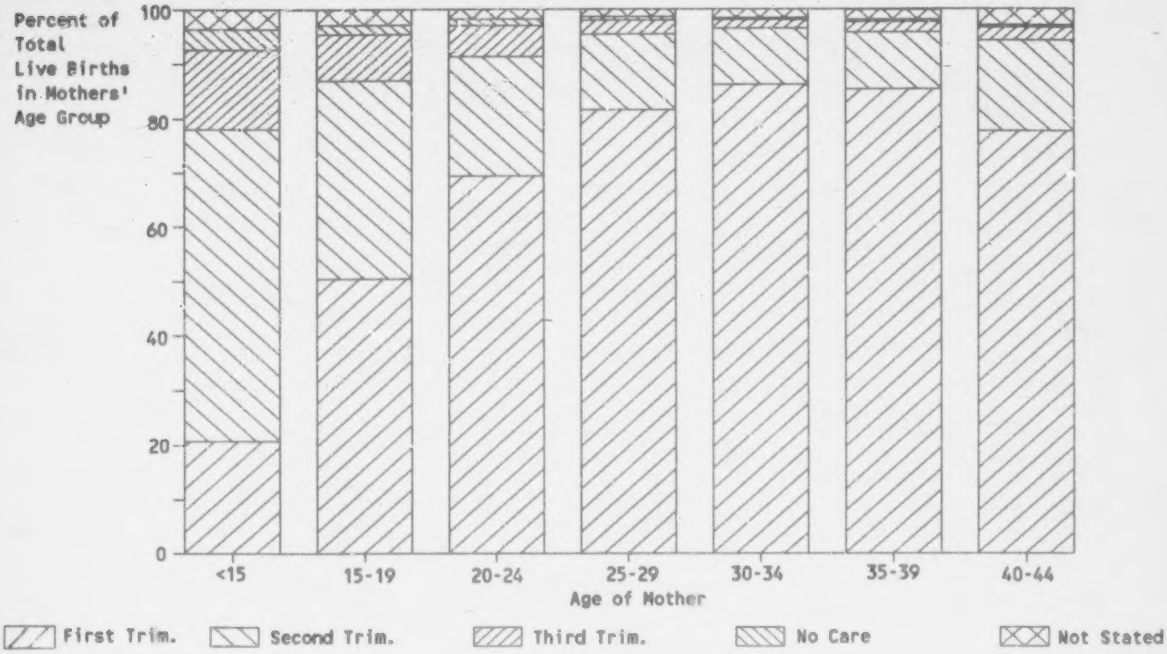


Table 24. Prenatal Visits by Age of Mother: Colorado Residents, 1987

Number of Visits	Total	13-14	15-17	18-19	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown/ Not Stated
Total	53,803	82	1,983	3,652	82	5,635	14,245	17,748	11,602	3,964	505	17	5
0	605	3	59	86	3	145	241	130	53	31	2	0	0
1	282	2	22	35	2	57	109	75	25	10	4	0	0
2	416	3	27	66	3	93	187	73	41	19	0	0	0
3	606	4	68	90	4	158	214	139	56	24	10	1	0
4	887	7	72	134	7	206	333	193	103	42	3	0	0
5	1,178	8	106	145	8	251	428	287	143	47	13	1	0
6	1,655	8	116	210	8	326	539	481	207	75	18	1	0
7	1,948	3	115	206	3	321	594	586	320	114	10	0	0
8	3,071	8	152	286	8	438	905	880	579	245	16	0	0
9	3,238	7	140	220	7	360	849	1,124	621	243	33	1	0
10	6,475	5	247	442	5	689	1,817	2,043	1,411	448	58	3	1
11	4,274	5	109	290	5	399	1,086	1,460	998	289	36	1	0
12	10,152	3	290	571	3	861	2,531	3,626	2,295	722	110	3	1
13	3,852	4	90	213	4	303	875	1,430	896	316	26	2	0
14	4,836	1	88	154	1	242	1,041	1,710	1,331	458	52	1	0
15	4,425	3	90	197	3	287	987	1,527	1,154	434	32	1	0
16	1,416	0	44	65	0	109	357	499	339	98	14	0	0
17	675	1	19	36	1	55	176	231	157	49	6	0	0
18	767	1	24	31	1	55	204	265	180	51	11	0	0
19+	2,273	4	68	111	4	179	592	757	527	176	36	1	1
Unknown	771	2	37	64	2	101	180	231	166	73	15	1	2

Table 25. Live Births by Month and Trimester Prenatal Care Began and Number of Prenatal Visits: Colorado Residents, 1987

Number of Prenatal Visits		Month Care Began										
	Total	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth	Ninth	No Care/ Only at Delivery	Unknown/ Not Stated
Total	53,803	8,937	20,960	11,100	4,625	2,832	1,921	1,138	644	248	439	959
0	605	2	5	3	0	0	1	2	1	7	437	147
1	282	14	28	23	14	13	23	26	52	81	0	8
2	416	10	20	36	29	42	49	57	100	59	0	14
3	606	17	43	54	59	76	89	107	107	40	0	14
4	887	20	76	99	110	117	157	148	115	30	0	15
5	1,178	57	128	153	134	187	230	171	81	15	0	22
6	1,655	88	229	284	284	233	249	184	73	5	0	26
7	1,948	97	376	418	352	304	221	121	37	2	1	19
8	3,071	209	735	745	537	411	262	124	23	3	0	22
9	3,238	256	1,013	909	477	312	145	74	27	0	0	25
10	6,475	668	2,436	1,783	842	434	208	52	10	2	0	40
11	4,274	475	1,924	1,163	408	180	78	20	5	0	0	21
12	10,152	1,968	4,850	2,328	630	218	91	26	5	2	0	34
13	3,852	656	1,910	913	206	102	39	6	0	1	0	19
14	4,836	937	2,927	755	138	51	16	6	0	0	0	6
15	4,425	1,930	1,655	567	174	59	27	5	1	1	0	6
16	1,416	323	742	254	64	19	11	0	1	0	0	2
17	675	143	346	136	35	8	5	0	0	0	0	2
18	767	198	406	128	20	12	0	1	0	0	0	2
19+	2,274	811	1,019	299	84	37	12	3	1	0	0	8
Unknown/ Not Stated	771	58	92	50	28	17	8	5	5	0	1	507

	Trimester Care Began		
	First	Second	Third
Total	40,997	9,378	2,030
0	10	1	10
1	65	50	159
2	66	120	216
3	114	224	254
4	195	384	293
5	338	551	267
6	601	766	262
7	891	877	160
8	1,689	1,210	150
9	2,178	934	101
10	4,887	1,484	64
11	3,562	666	25
12	9,146	939	33
13	3,479	347	7
14	4,619	205	6
15	4,152	260	7
16	1,319	94	1
17	625	48	0
18	732	32	1
19+	2,129	133	4
Unknown/ Not Stated	200	53	10

Education of Mother

In 1987, 82.9 percent of Colorado women giving birth who reported educational attainment were high school graduates or had more advanced educations, the same percent as in 1986. Nationally, 79.6 percent of mothers had at least high school educations in 1986, the most recent year for which this information was available. Higher educational levels in Colorado are more apparent when state and U.S. counts of mothers who had completed college are compared. In Colorado, 22.2 percent of mothers reporting education were college graduates, compared to 17.1 percent of U.S. mothers in 1986.

There were considerable differences in mothers' education by race of child in Colorado in 1987. High school educations or greater were reported by 88.6 percent of mothers of Anglo white (non-Spanish surname) babies. Asians reported at least a high school education in 81.5 percent of births, followed by blacks with 79.9 percent, Native Americans with 71.7 percent, and Spanish surname whites with 55.1 percent of births.

Higher proportions of births to teen mothers of blacks and Hispanic babies were only partly responsible for these differences. Among women aged 20 and older, 92.5 percent of Anglo white births, 88.7 percent of black births, and 63.7 percent of Spanish surname white births had mothers with at least high school educations. Table 26 shows live births by age and education of mother and race of child for Colorado residents in 1987.

Table 26. Live Births by Age and Education of Mother and Race of Child: Colorado Residents, 1987

Age of Mother/ Race of Child	Total	Years of Education 0-8	9-11	12	13-15	16+	Unknown/Not Stated	<12	12+
All Races									
Total	53,803	1,257	7,888	19,526	12,867	11,870	395	9,145	44,263
<15	82	56	25	0	0	0	1	81	0
15-19	5,635	297	3,228	1,858	190	2	60	3,525	2,050
20-24	14,245	357	2,754	7,190	3,205	620	119	3,111	11,015
25-29	17,748	286	1,337	6,737	5,050	4,232	106	1,623	16,019
30-34	11,602	169	425	2,902	3,262	4,777	67	594	10,941
35-39	3,964	69	96	728	1,038	2,005	28	165	3,771
40-44	505	23	22	105	117	231	7	45	453
45+	17	0	1	6	5	2	3	1	13
Unk/Not Stated	5	0	0	0	0	1	4	0	1
Total White									
Total	48,718	1,112	7,016	17,507	11,685	11,144	254	8,128	40,336
<15	64	47	16	0	0	0	1	63	0
15-19	4,911	274	2,821	1,612	162	2	40	3,095	1,776
20-24	12,686	326	2,500	6,412	2,807	566	75	2,826	9,785
25-29	16,139	242	1,198	6,086	4,600	3,936	77	1,440	14,622
30-34	10,756	142	374	2,638	3,045	4,517	40	516	10,200
35-39	3,682	62	84	660	959	1,903	14	146	3,522
40-44	464	19	22	93	108	217	5	41	418
45+	15	0	1	6	4	2	2	1	12
Unk/Not Stated	1	0	0	0	0	1	0	0	1
Anglo White									
Total	40,925	360	4,301	14,598	10,710	10,775	181	4,661	36,083
<15	26	20	5	0	0	0	1	25	0
15-19	3,165	113	1,711	1,194	119	1	27	1,824	1,314
20-24	9,928	111	1,548	5,214	2,484	527	44	1,659	8,225
25-29	14,161	61	754	5,253	4,241	3,792	60	815	13,286
30-34	9,863	38	226	2,314	2,862	4,390	33	264	9,566
35-39	3,368	13	47	543	900	1,853	12	60	3,296
40-44	402	4	9	75	101	209	4	13	385
45+	11	0	1	5	3	2	0	1	10
Unk/Not Stated	1	0	0	0	0	1	0	0	1
Spanish Surname White									

Table 26, Continued.

Age of Mother/ Race of Child	Total	Years of Education 0-8	9-11	12	13-15	16+	Unknown/Not Stated	<12	12+
Total	7,793	752	2,715	2,909	975	369	73	3,467	4,253
<15	38	27	11	0	0	0	0	38	0
15-19	1,746	161	1,110	418	43	1	13	1,271	462
20-24	2,758	215	952	1,198	323	39	31	1,167	1,560
25-29	1,978	181	444	833	359	144	17	625	1,336
30-34	893	104	148	324	183	127	7	252	634
35-39	314	49	37	117	59	50	2	86	226
40-44	62	15	13	18	7	8	1	28	33
45+	4	0	0	1	1	0	2	0	2
Unk/Not Stated	0	0	0	0	0	0	0	0	0
Total Non-White									
Total	4,995	145	871	2,009	1,174	717	79	1,016	3,900
<15	18	9	9	0	0	0	0	18	0
15-19	717	23	406	246	28	0	14	429	274
20-24	1,538	71	254	776	396	54	27	285	1,226
25-29	1,584	44	139	647	444	294	16	183	1,385
30-34	824	27	51	260	217	255	14	78	732
35-39	272	7	12	68	79	100	6	19	247
40-44	40	4	0	12	9	14	1	4	35
45+	2	0	0	0	1	0	1	0	1
Unk/Not Stated	0	0	0	0	0	0	0	0	0
Black									
Total	3,161	24	609	1,393	787	335	13	633	2,515
<15	14	7	7	0	0	0	0	14	0
15-19	542	9	317	191	22	0	3	326	213
20-24	1,080	2	165	588	278	39	8	167	905
25-29	947	3	92	424	290	137	1	95	851
30-34	427	2	20	152	139	113	1	22	404
35-39	131	1	8	31	53	38	0	9	122
40-44	19	0	0	7	4	8	0	0	19
45+	1	0	0	0	1	0	0	0	1
Unk/Not Stated	0	0	0	0	0	0	0	0	0
Native American									
Total	543	17	135	211	133	42	5	152	386
<15	1	0	1	0	0	0	0	1	0
15-19	88	6	50	28	1	0	3	56	29
20-24	193	4	49	87	52	1	0	53	140
25-29	157	2	18	59	53	25	0	20	137
30-34	72	5	15	28	17	6	1	20	51
35-39	26	0	2	8	7	8	1	2	23
40-44	6	0	0	1	3	2	0	0	6
45+	0	0	0	0	0	0	0	0	0
Unk/Not Stated	0	0	0	0	0	0	0	0	0
Asian									
Total	1,283	101	125	404	253	339	61	226	996
<15	3	2	1	0	0	0	0	3	0
15-19	86	8	38	27	5	0	8	46	32
20-24	261	23	39	100	66	14	19	62	180
25-29	479	39	29	164	100	132	15	68	396
30-34	323	19	16	80	61	135	12	35	276
35-39	115	6	2	29	19	54	5	8	102
40-44	15	4	0	4	2	4	1	4	10
45+	1	0	0	0	0	0	1	0	0
Unk/Not Stated	0	0	0	0	0	0	0	0	0

Births to Unmarried Women

Live births to unmarried women increased to 18.9 percent of total Colorado resident births in 1987, the highest ever experienced in the state. There has been a trend toward births to unmarried women since the 1940's throughout the United States, with U.S. ratios exceeding those for Colorado in every year since 1966. In 1986, 23.4 percent of all U.S. births were to unmarried women.

Table 27 presents births to unmarried women for selected years between 1930 and 1987 for Colorado and the nation. Ratios in this table are expressed per 1,000 live births. Figure 11 compares Colorado and U.S. percentages since 1960.

Births to unmarried women are more frequent among all race and age groups than in the past. However, there are notable differences among these groups. In 1987, ratios of births to unmarried women were highest among mothers of black babies, 45.5 percent of whom were not married. Proportions were also high for mothers in Spanish surname white births, with 38.5 percent unmarried. Of total Anglo white births, 13.2 percent were to unmarried mothers. Table 28 shows Colorado live births to unmarried women by age group of mother and race of child in 1987. Table 21 already has presented numbers and percent of births to unmarried women by single-year age of mother in 1987.

The median age of unmarried women giving birth was 21.8 years in both 1986 and 1987 and 21.7 years in 1985. The mean age of unmarried women giving birth also showed no change in the last several years, being 22.5 years in 1986 and 1987 and 22.4 years in 1985.

Ratios predictably were highest in all race groups among teens giving birth, but even in this age group ratios were lowest for Anglo whites and highest for blacks. Eighty percent of black births to 15-to-19-year olds were to unmarried mothers, compared to 67.8 percent for Spanish surname white births and 55.1 percent of Anglo white births. It is not known to what extent differences in utilization of induced abortion services affect these percentages.

Among Anglo and Spanish surname white births, ratios were lowest for each succeeding age group to ages 30-34, which had the lowest ratios of any age for whites in 1987. Ratios were higher among women aged 35-39 for both Anglo and Spanish surname whites, and higher still for women aged 40-44. This pattern contrasts with that among blacks, who experienced progressively lower ratios of births to unmarried women for each age group of women throughout the childbearing ages.

Table 27. Live Births to Unmarried Women: Colorado Residents and United States, Selected Years, 1930-1987

	Colorado				Colorado		
Year	Number	Ratio	U.S. Ratio	Year	Number	Ratio	U.S. Ratio
1930	442	23.5	32.7	1971	3,831	94.9	112.9
				1972	3,753	97.3	123.7
1940	436	20.4	37.9	1973	3,849	100.0	129.8
				1974	3,976	101.9	132.3
1950	1,019	30.1	39.8	1975	4,244	105.7	142.5
				1976	4,465	109.0	147.8
1960	1,785	41.6	52.7	1977	4,903	113.9	155.0
1961	1,955	43.8	56.3	1978	5,343	121.3	163.2
1962	2,181	50.0	58.8	1979	5,853	124.1	171.1
1963	2,339	55.5	63.3				
1964	2,602	64.2	68.5	1980	6,465	130.0	184.3
1965	3,018	81.9	77.4	1981	7,016	135.0	189.2
1966	3,016	86.4	83.9	1982	7,760	141.6	194.3
1967	3,139	89.3	90.3	1983	7,920	144.9	202.8
1968	3,172	86.1	96.9	1984	8,289	152.5	210.0
1969	3,686	94.1	100.2	1985	9,151	166.0	220.2
				1986	9,926	180.0	233.9
1970	3,982	96.0	106.9	1987	10,167	189.0	-

Ratios are births to unmarried women per 1,000 total live births. U.S. data are from the National Center for Health Statistics.

Figure 11. Percent of Live Births to Unmarried Women: Colorado Residents and United States, 1960-1987

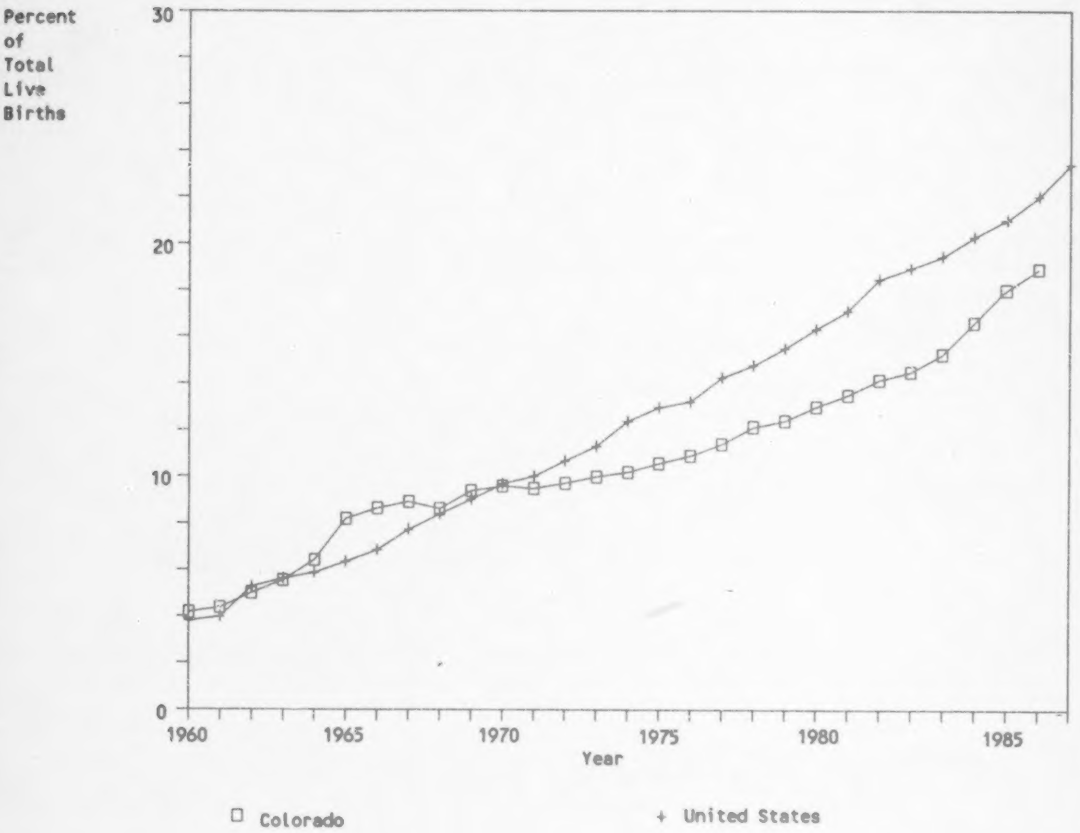


Table 28. Live Births and Percent of Live Births to Unmarried Women by Age of Mother and Race of Child: Colorado Residents, 1987

	Live Births	Total White	Anglo White	Spanish Surname	Black	All Other	Unknown/ Not Stated	Spanish Origin
Total Live Births								
All Ages	53,803	48,718	40,925	7,793	3,161	1,834	90	7,941
Under 15	82	64	26	38	14	4	0	39
15-19	5,635	4,911	3,165	1,746	542	175	7	1,755
20-24	14,245	12,686	9,928	2,758	1,080	458	21	2,792
25-29	17,748	16,139	14,161	1,978	947	637	25	2,014
30-34	11,602	10,756	9,863	893	427	397	22	940
35-39	3,964	3,682	3,368	314	131	141	10	329
40-44	505	464	402	62	19	21	1	68
45+	17	15	11	4	1	1	0	4
Unknown/ Not Stated	5	1	1	0	0	0	4	0
Births to Unmarried Women								
All Ages	10,167	8,420	5,419	3,001	1,437	276	34	3,044
Under 15	80	63	25	38	14	3	0	39
15-19	3,460	2,928	1,744	1,184	435	90	7	1,181
20-24	3,590	2,960	1,872	1,088	529	88	13	1,096
25-29	1,847	1,461	1,043	418	323	57	6	444
30-34	832	695	509	184	106	29	2	196
35-39	298	261	192	69	27	6	4	67
40-44	56	50	32	18	3	3	0	21
45+	2	2	2	0	0	0	0	0
Unknown/ Not Stated	2	0	0	0	0	0	2	0
Ratio of Births to Unmarried Women								
All Ages	189.0	172.8	132.4	385.1	454.6	150.5	377.8	383.3
Under 15	975.6	984.4	961.5	1000.0	1000.0	750.0	-	1000.0
15-19	614.0	596.2	551.0	678.1	802.6	514.3	1000.0	672.9
20-24	252.0	233.3	188.6	394.5	489.8	192.1	619.0	392.6
25-29	104.1	90.5	73.7	211.3	341.1	89.5	240.0	220.5
30-34	71.7	64.6	51.6	208.3	248.2	73.0	90.9	208.5
35-39	75.2	70.9	57.0	219.7	206.1	42.6	400.0	203.6
40-44	110.9	107.8	79.6	290.3	157.9	142.9	0.0	308.8
45+	117.6	133.3	181.8	0.0	0.0	0.0	-	0.0
Unknown/ Not Stated	400.0	0.0	0.0	-	-	-	500.0	-

Spanish origin is independent of race. Ratios are births to unmarried women per 1,000 live births.

Congenital Anomalies

Table 29 shows congenital anomalies by type reported on Colorado resident birth certificates in 1987. In this year, 443 resident births had congenital anomalies mentioned, 0.8 percent of total live births.

Reporting of congenital anomalies is incomplete in birth records even for apparently obvious anomalies. These data represent only a partial accounting of birth defects in the state.

Table 29. Congenital Anomalies Reported on Birth Certificates: Colorado Residents, 1987

ICD9 Code	Anomaly	Births
Total		443
740	Anencephalus and Similar Anomalies	4
740.0	Anencephalus	4
740.1	Craniorachischisis	-
740.2	Iniencephaly	-
741	Spina Bifida	11
741.0	With Hydrocephalus	5
741.9	Without Mention of Hydrocephalus	6
742	Other Anomalies of Nervous System	13
742.0	Encephalocele	1
742.1	Microcephalus	4
742.2	Reduction Deformities of Brain	-
742.3	Congenital Hydrocephalus	8
742.4	Other Specified Anomalies of Brain	-
742.5	Other Spec. Anomalies of Spinal Cord	-
742.8	Other Spec. Anomalies of Nervous Sys.	-
742.9	Unspecified Anomalies of Nervous Sys.	-
743	Congenital Anomalies of Eye	3
743.0	Anophthalmos	1
743.1	Microphthalmos	-
743.2	Buphthalmos	-
743.3	Congenital Contaract & Lens Anomalies	-
743.4	Coloboma & Anterior Segment Anomalies	-
743.5	Anomalies of Posterior Segment	-
743.6	Eyelids, Lacrimal System & Orbit	-
743.7	Other Specified Anomalies of Eye	-
743.9	Unspecified Anomalies of Eye	2
744	Anomalies of Ear, Face & Neck	9
744.0	Of Ear, Causing Impairment of Hearing	-
744.2	Other Specified Anomalies of Ear	4
744.3	Unspecified Anomalies of Ear	3
744.4	Branchial Cleft, Cyst, or Fistula, Preauricular Sinus	-
744.5	Webbing of Neck	-
744.8	Other Spec. Anomalies of Face & Neck	2
744.9	Unspecified Anomalies of Face & Neck	-
745	Bulbus Cordia Anomalies & Anomalies of Cardiac Septal Closure	6
745.1	Transposition of Great Vessels	1
745.2	Tetralogy of Fallot	1
745.3	Common Ventricle	-
745.4	Ventricular Septal Defect	2
745.5	Ostium Secundum Type Atrial Septal Defect	1
745.6	Endocardial Cushion Defects	-
745.7	Cor Biloculare	-
745.8	Other Defect of Septal Closure	1
745.9	Unspecified Defect of Septal Closure	-
746	Other Congenital Anomalies of Heart	20
746.0	Anomalies of Pulmonary Valve	-
746.1	Tricuspid Atresia & Stenosis, Congenital	-
746.2	Ebstein's Anomaly	-
746.3	Congenital Stenosis of Aortic Valve	1
746.4	Congenital Insufficiency of Aortic Valve	-
746.5	Congenital Mitral Stenosis	-
746.6	Congenital Mitral Insufficiency	-
746.7	Hypoplastic Left Heart Syndrome	5
746.8	Other Specified Anomalies of Heart	3
746.9	Unspecified Anomalies of Heart	11
747	Other Anomalies of Circulatory System	7
747.0	Patent Ductus Arteriosus	3
747.1	Coarctation of Aorta	1
747.2	Other Anomalies of Aorta	1
747.3	Anomalies of Pulmonary Artery	1
747.4	Anomalies of Great Veins	-
747.5	Absence or Hypoplasia of Umbilical Artery	1
747.6	Other Anomalies of Peripheral Vascular System	-
747.8	Other Specified Anomalies of Circulatory System	-
747.9	Unspecified Anomalies of Circ. System	-
748	Congenital Anomalies of Respiratory System	5
748.0	Choanal Atresia	-
748.1	Other Anomalies of Nose	1
748.2	Web of Larynx	-
748.3	Other Anomalies of Larynx, Trachea, & Bronchus	-
748.4	Congenital Cystic Lung	1
748.5	Agenesis, Hypoplasia & Dysplasia of Lung	3
748.6	Other Anomalies of Lung	-
748.8	Other Specified Anomalies of Resp. System	-
748.9	Unspecified Anomalies of Resp. System	-
749	Cleft Palate & Cleft Lip	49
749.0	Cleft Palate	16
749.1	Cleft Lip	11
749.2	Cleft Palate with Cleft Lip	22
750	Other Congenital Anomalies of Upper Alimentary Tract	12
750.0	Tongue Tie	3
750.1	Other Anomalies of Tongue	-

ICD9 Code	Anomaly	Births
750.2	Other Spec. Anomalies of Mouth & Pharynx	2
750.3	Tracheo-Oesophageal Fistula, Oesophageal Atresia, & Stenosis	3
750.4	Other Spec. Anomalies of Oesophagus	1
750.5	Congenital Hypertrophic Pyloric Stenosis	-
750.6	Congenital Hiatus Hernia	-
750.7	Other Specified Anomalies of Stomach	-
750.8	Other Spec. Anomalies of Upper Alimentary	1
750.9	Unspec. Anomalies of Upper Alimentary	2
751	Other Anomalies of Digestive System	15
751.0	Meckel's Diverticulum	-
751.1	Atresia & Stenosis of Small Intestine	4
751.2	Atresia & Stenosis of Large Intestine Rectum and Anal Canal	3
751.3	Hirschsprung's Disease & Other Cong. Functional Disorders of Colon	2
751.4	Anomalies of Intestinal Fixation	-
751.5	Other Anomalies of Intestine	5
751.6	Anomalies of Gallbladder, Bile Ducts, & Liver	1
751.7	Anomalies of Pancreas	-
751.8	Other Spec. Anomalies of Dig. System	-
751.9	Unspecified Anomalies of Dig. System	-
752	Anomalies of Genital Organs	38
752.0	Anomalies of the Ovaries	-
752.1	Of Fallopian Tubes & Broad Ligaments	-
752.2	Doubling of Uterus	-
752.3	Other Anomalies of Uterus	-
752.4	Anomalies of Cervix, Vagina, & External Female Genitalia	2
752.5	Undescended Testicle	11
752.6	Hypospadias & Epispadias	20
752.7	Indeterminate Sex & Pseudohermaphroditism	-
752.8	Other Specified Anomalies of Genitals	4
752.9	Unspecified Anomalies of Genitals	1
753	Anomalies of Urinary System	9
753.0	Renal Agenesis & Dysgenesis	1
753.1	Cystic Kidney Disease	3
753.2	Obstructive Defects of Renal Pelvis & Ureter	3
753.3	Other Specified Anomalies of Kidney	2
753.4	Other Specified Anomalies of Ureter	-
753.5	Exstrophy of Urinary Bladder	-
753.6	Atresia & Stenosis of Urethra & Bladder Neck	- -
753.7	Anomalies of Urachus	-
753.8	Other Specified Anomalies of Bladder & Urethra	-
753.9	Unspecified Anomalies of Urinary System	-
754	Certain Congenital Musculoskeletal Deformities	32
754.0	Of Skull, Face, & Jaw	1
754.1	Of Strenocleidomastoid Muscle	
754.2	Deformities of Spine	-
754.3	Congential Dislocation of Hip	8
754.4	Congenital Genu Recurvatum & Bowing of Long Bones of Leg	-
754.5	Varus Deformities of Feet	4
754.6	Valgus Deformities of Feet	1
754.7	Other Deformities of Feet	16
754.8	Other Specified Musculoskeletal Deformities	2
755	Other Anomalies of Limbs	71
755.0	Polydactyly	28
755.1	Syndactyly	8
755.2	Reduction Deformities of Upper Limb	2
755.3	Reduction Deformities of Lower Limb	2
755.4	Reduction Deformities, Unspecified Limb	-
755.5	Anomalies of Upper Limb & Shoulder Girdle	6
755.6	Anomalies of Lower Limb & Pelvic Girdle	20
755.8	Other Spec. Anomalies of Unspec. Limb	5
755.9	Unspecified Anomalies of Unspecified Limb	-
756	Other Musculoskeletal Anomalies	16
756.0	Anomalies of Skull & Face Bones	6
756.1	Anomalies of Spine	1
756.2	Cervical Rib	-
756.3	Other Anomalies of Rib & Sternum	2
756.4	Chondrodystrophy	-
756.5	Osteodystrophies	-
756.6	Anomalies of Diaphragm	4
756.7	Anomalies of Adominal Wall	2
756.8	Other Specified Anomalies of Muscle, Tendon, Fascia, & Connective Tissue	1
756.9	Unspecified Musculoskeletal Anomalies	-
757	Anomalies of the Integument	39
757.0	Hereditary Oedema of Legs	-
757.1	Ichthyosis Congenita	-
757.2	Dermatoglyphic Anomalies	-
757.3	Other Specified Anomalies of Skin	28
757.4	Specified Anomalies of Hair	-
757.5	Specified Anomalies of Nails	-
757.6	Specified Anomalies of Breast	1
757.8	Other Spec. Anomalies of the Integument	2
757.9	Unspecified Anomalies of the Integument	8
758	Chromosomal Anomalies	23
758.0	Down's Syndrome	18
758.1	Patau's Syndrome	1
758.2	Edward's Syndrome	3
758.3	Autosomal Deletion Syndromes	-
758.4	Balanced Autosomal Translocation	-
758.5	Other Conditions of Autosomal Anomalies	1
758.6	Gonadal Dysgenesis	-
758.7	Klinefelter's Syndrome	-
758.8	Other Sex Chromosome Anomalies	-
758.9	Unspecified Chromosome Anomalies	-
759	Other & Unspecified Anomalies	61
759.0	Anomalies of Spleen	-
759.1	Anomalies of Adrenal Gland	-
759.2	Anomalies of Other Endrocrine Glands	-
759.3	Situs Inversus	-
759.4	Conjoined Twins	-
759.5	Tuberous Sclerosis	-
759.6	Other Hamartoses, Not Listed Elsewhere	-
759.7	Multiple Congenital Anomalies	48
759.8	Other Specified Anomalies	12
759.9	Congenital Anomaly, Unspecified	1

Apgar Score

The Apgar score is a summary measure used to evaluate a newborn's condition at birth. Named after its originator, Dr. Virginia Apgar, the total score is the sum of scores for five factors (heart rate, respiratory effort, muscle tone, irritability, and color), each of which is assigned a value of 0 to 2. A total score of 10 is optimum.

Apgar scores are determined at 1 and 5 minutes after birth. Five-minute Apgar scores are considered to be better predictors of a baby's ability to survive than are 1-minute scores. However, there is disagreement on the overall efficacy of the score as a predictor of long-term survival.

Table 30 presents 5-minute Apgar scores for Colorado resident live births by age of mother and race of child in 1987. High scores of 9 or 10 were in 83.6 percent of births for which Apgar scores were reported, compared with a higher level of 88.0 percent nationally in 1986.

High scores were most frequently reported for births to Colorado women aged 40-44 (86.7 percent), 30-34 (84.8 percent), and 25-29 (84.5 percent). The lowest proportion of high scores were reported for women aged 15-19 (80.2 percent).

Apgar scores of less than 7, which indicate a newborn in some distress, were most often reported among babies born to women under 20 years of age and women aged 40-44. Scores under 7 were reported for 2.3 percent of teen births and 3.3 percent of births to women aged 40-44. Among mothers of all ages, scores under 7 were reported for 1.7 percent of all births.

High Apgar scores of 9 or 10 were reported for 85.8 percent of Asian births, 84.3 percent of Native American births, 83.8 percent of Anglo white births, 82.6 percent of black births, and 82.4 percent of Spanish surname white births. Low scores of less than 7 were reported most frequently for Asian births, with 3.9 percent of births in this category. Asian births therefore had the highest percents of both low and high scores in the state in 1987.

Scores of less than 7 were reported for 3.2 percent of black births, 2.0 percent of Spanish surname white births, 1.8 percent of Native American births, and 1.6 percent of Anglo white births.

Table 30. Live Births by Five-Minute Apgar Score, Age of Mother, and Race of Child: Colorado Residents, 1987

Age of Mother/ Race of Child		Five-Minute Apgar Score											
	Total	0	1	2	3	4	5	6	7	8	9	10	Not Stated
All Races													
Total	53,803	45	104	49	66	88	190	378	1,175	6,659	41,773	2,915	361
<15	82	1	0	0	0	0	0	0	2	11	65	2	1
15-19	5,635	3	13	6	10	16	31	53	152	821	4,220	265	45
20-24	14,245	13	35	15	21	21	62	114	307	1,844	10,934	780	99
25-29	17,748	13	29	13	17	29	50	116	349	2,111	13,914	995	112
30-34	11,602	9	18	8	11	14	29	68	266	1,330	9,133	644	72
35-39	3,964	5	8	5	5	7	15	20	86	490	3,085	210	28
40-44	505	1	1	2	2	1	2	7	12	52	406	17	2
45+	17	0	0	0	0	0	1	0	1	0	12	2	1
Unk/Not Stated	5	0	0	0	0	0	0	0	0	0	4	0	1
Total White													
Total	48,718	38	86	42	61	75	161	326	1,053	6,087	37,750	2,723	316
<15	64	0	0	0	0	0	0	0	0	10	52	1	1
15-19	4,911	3	13	5	8	14	28	40	140	723	3,656	242	39
20-24	12,686	10	28	14	19	16	47	101	279	1,689	9,688	717	78
25-29	16,139	11	23	11	17	25	46	101	307	1,935	12,630	926	107
30-34	10,756	9	14	6	10	13	27	59	236	1,228	8,472	618	64
35-39	3,682	4	7	5	5	6	11	18	80	452	2,867	202	25
40-44	464	1	1	1	2	1	1	7	10	50	373	15	2
45+	15	0	0	0	0	0	1	0	1	0	11	2	0
Unk/Not Stated	1	0	0	0	0	0	0	0	0	0	1	0	0
Anglo White													
Total	40,925	32	68	36	47	57	130	268	866	5,066	31,767	2,328	260
<15	26	0	0	0	0	0	0	0	0	6	19	0	1
15-19	3,165	1	5	3	4	8	16	29	93	471	2,362	148	25
20-24	9,928	8	22	11	10	10	34	81	219	1,312	7,574	584	63
25-29	14,161	10	22	11	16	21	44	85	265	1,694	11,080	819	94
30-34	9,863	9	12	5	10	12	26	54	214	1,127	7,761	581	52
35-39	3,368	4	6	5	5	6	9	12	68	415	2,632	183	23
40-44	402	0	1	1	2	0	1	7	6	41	329	12	2
45+	11	0	0	0	0	0	0	0	1	0	9	1	0
Unk/Not Stated	1	0	0	0	0	0	0	0	0	0	1	0	0
Spanish Surname White													
Total	7,793	6	18	6	14	18	31	58	187	1,021	5,983	395	56
<15	38	0	0	0	0	0	0	0	0	4	33	1	0
15-19	1,746	2	8	2	4	6	12	11	47	252	1,294	94	14
20-24	2,758	2	6	3	9	6	13	20	60	377	2,114	133	15
25-29	1,978	1	1	0	1	4	2	16	42	241	1,550	107	13
30-34	893	0	2	1	0	1	1	5	22	101	711	37	12
35-39	314	0	1	0	0	0	2	6	12	37	235	19	2
40-44	62	1	0	0	0	1	0	0	4	9	44	3	0
45+	4	0	0	0	0	0	1	0	0	0	2	1	0
Unk/Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 30, Continued.

Age of Mother/ Race of Child		Five-Minute Apgar Score											
	Total	0	1	2	3	4	5	6	7	8	9	10	Not Stated
Total Non-White													
Total	4,995	7	18	7	5	12	29	52	121	561	3,956	189	38
<15	18	1	0	0	0	0	0	0	2	1	13	1	0
15-19	717	0	0	1	2	2	3	13	12	97	558	23	6
20-24	1,538	3	7	1	2	5	15	13	28	151	1,230	63	20
25-29	1,584	2	6	2	0	4	4	15	41	176	1,263	68	3
30-34	824	0	4	2	1	0	2	9	30	98	648	25	5
35-39	272	1	1	0	0	1	4	2	6	36	211	7	3
40-44	40	0	0	1	0	0	1	0	2	2	32	2	0
45+	2	0	0	0	0	0	0	0	0	0	1	0	1
Unk/Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Black													
Total	3,161	6	15	4	4	8	26	36	78	370	2,506	84	24
<15	14	1	0	0	0	0	0	0	2	1	9	1	0
15-19	542	0	0	0	1	2	3	12	8	75	428	10	3
20-24	1,080	3	7	1	2	4	14	9	20	109	865	32	14
25-29	947	1	5	2	0	2	4	12	30	118	747	24	2
30-34	427	0	3	1	1	0	2	2	13	45	344	12	4
35-39	131	1	0	0	0	0	3	1	3	20	99	3	1
40-44	19	0	0	0	0	0	0	0	2	2	13	2	0
45+	1	0	0	0	0	0	0	0	0	0	1	0	0
Unk/Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Native American													
Total	543	0	2	2	0	1	0	5	15	59	423	33	3
<15	1	0	0	0	0	0	0	0	0	0	1	0	0
15-19	88	0	0	1	0	0	0	0	3	12	62	8	2
20-24	193	0	0	0	0	0	0	2	5	16	155	14	1
25-29	157	0	1	0	0	1	0	1	3	18	122	11	0
30-34	72	0	0	1	0	0	0	2	3	11	55	0	0
35-39	26	0	1	0	0	0	0	0	1	2	22	0	0
40-44	6	0	0	0	0	0	0	0	0	0	6	0	0
45+	0	0	0	0	0	0	0	0	0	0	0	0	0
Unk/Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0
Asian													
Total	1,283	1	1	1	1	3	3	11	28	132	1,020	71	11
<15	3	0	0	0	0	0	0	0	0	0	3	0	0
15-19	86	0	0	0	1	0	0	1	1	10	67	5	1
20-24	261	0	0	0	0	1	1	2	3	26	207	16	5
25-29	479	1	0	0	0	1	0	2	8	40	393	33	1
30-34	323	0	1	0	0	0	0	5	14	42	247	13	1
35-39	115	0	0	0	0	1	1	1	2	14	90	4	2
40-44	15	0	0	1	0	0	1	0	0	0	13	0	0
45+	1	0	0	0	0	0	0	0	0	0	0	0	1
Unk/Not Stated	0	0	0	0	0	0	0	0	0	0	0	0	0

Births by County and Region

Tables 31 through 36 present a variety of birth data by county and region for Colorado in 1987. Information on total live births by county and region may be found in the Highlights chapter of this report. Constituent counties of the various regions shown in the tables appear inside the back cover of this report.

Figure 12 shows birth rates by county for the state in 1987. General fertility rates by county are shown in Figure 13. The effect of small numbers of events or small populations should be considered in any analysis of these figures or other presentations of county-specific data for Colorado.

Table 31. Live Births and Fertility Rates by Age Group by County and Region: Colorado Residents, 1987

Table 32. Live Births by City of Residence and Age of Mother: Colorado Residents, 1987

Table 33. Live Births by Race, Spanish Origin, and Sex of Child by County and Region: Colorado Residents, 1987

Table 34. Live Births by Birth Weight by County and Region: Colorado Residents, 1987

Table 35. Live Births by Trimester Care Began by County and Region: Colorado Residents, 1987

Table 36. Educational Attainment of Mother and Live-Birth Order by County and Region: Colorado Residents, 1987

Figure 12. Birth Rates by County: Colorado Residents, 1987

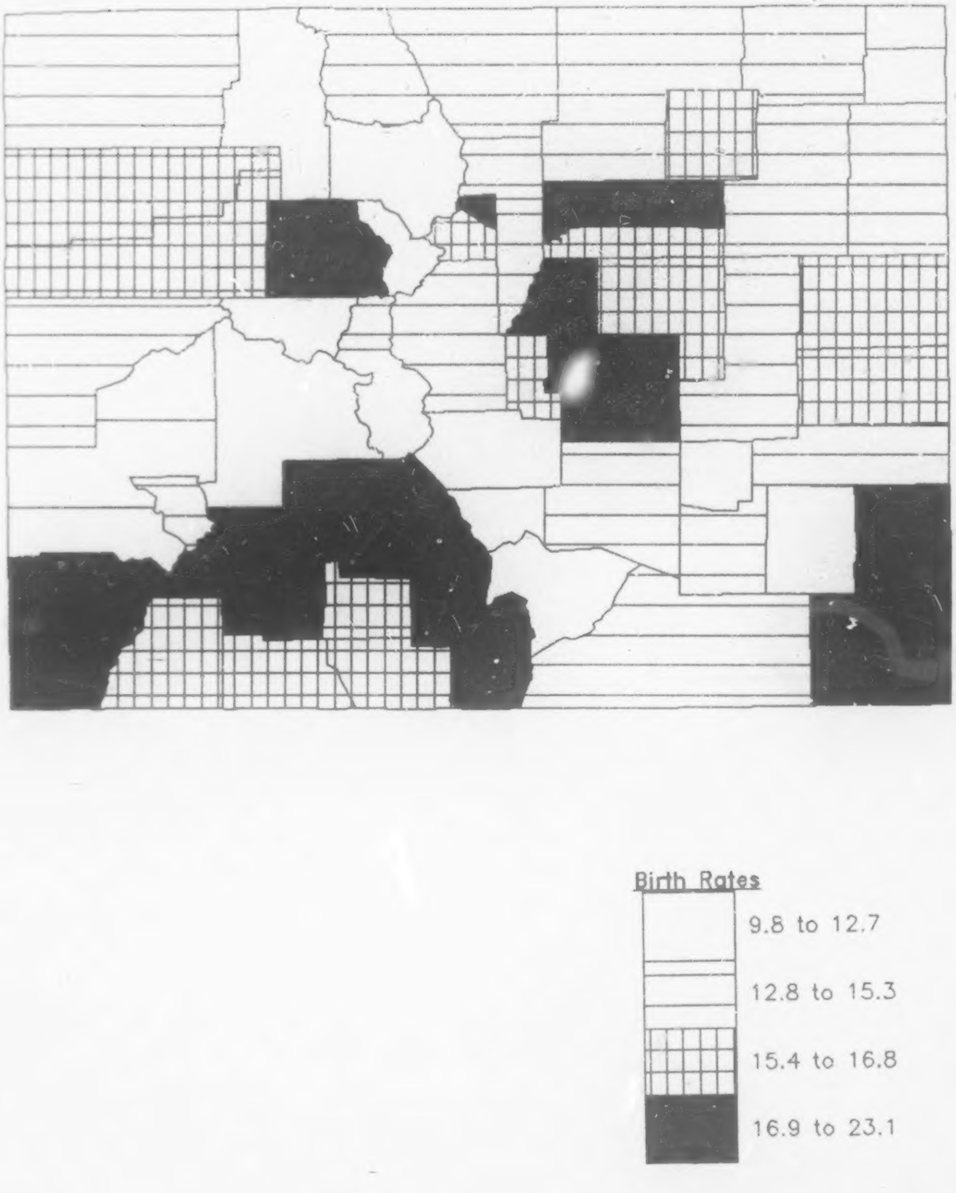

Birth Rates
9.8 to 12.7
12.8 to 15.3
15.4 to 16.8
16.9 to 23.1

Figure 13. General Fertility Rates by County: Colorado Residents, 1987

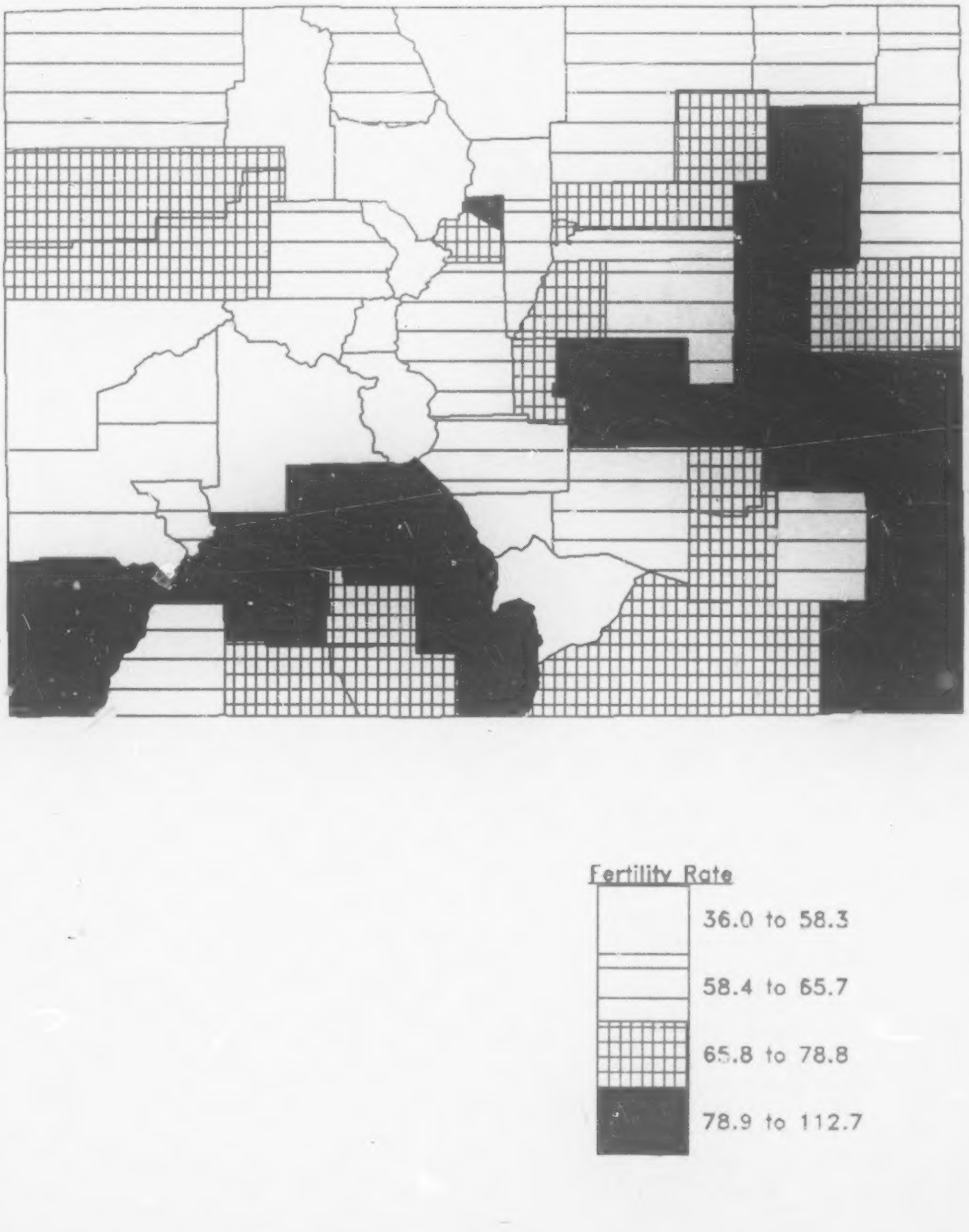

Fertility Rate
36.0 to 58.3
58.4 to 65.7
65.8 to 78.8
78.9 to 112.7

Table 31. Live Births and Fertility Rates by Age Group of Women by County and Region: Colorado Residents, 1987

County/Region	10-14		15-19		20-24		25-29		30-34		35-39		40-44		45+	Unknown/ Not Statud
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	
Colorado	82	0.7	5,635	45.5	14,245	100.3	17,748	116.2	11,602	72.4	3,964	27.3	505	4.4	17	5
Adams	8	0.8	670	68.6	1,680	146.0	1,685	121.5	785	55.1	202	17.0	27	3.0	0	1
Alamosa	1	2.2	38	67.4	95	176.6	82	155.6	44	76.0	12	23.1	1	2.6	0	0
Arapahoe	2	0.1	379	29.8	1,308	107.1	2,252	122.2	1,663	72.0	598	28.4	63	4.0	1	3
Archuleta	0	0.0	9	46.4	24	129.0	24	121.8	20	87.7	11	50.2	0	0.0	0	0
Baca	1	7.4	8	59.3	15	109.5	26	180.6	14	96.6	10	69.9	0	0.0	0	0
Bent	0	0.0	7	37.8	26	143.6	23	121.7	5	24.2	2	10.2	2	13.4	0	0
Boulder	2	0.3	195	23.5	646	55.5	1,074	95.7	900	85.9	380	37.4	53	6.6	0	1
Chaffee	0	0.0	15	30.0	35	71.4	44	105.8	27	60.4	6	13.2	2	5.4	0	0
Cheyenne	0	0.0	4	71.4	14	250.0	14	175.0	5	48.5	0	0.0	0	0.0	0	0
Clear Creek	0	0.0	9	33.7	22	106.3	40	149.8	39	88.4	19	43.6	2	6.7	0	0
Conejos	0	0.0	18	57.1	40	124.6	46	135.7	18	59.2	13	50.0	2	10.0	0	0
Costilla	0	0.0	5	45.9	18	148.8	18	126.8	11	82.1	3	29.7	2	23.3	0	0
Crowley	1	11.5	9	105.9	10	103.1	16	134.5	6	46.5	0	0.0	0	0.0	0	0
Custer	0	0.0	1	21.7	5	113.6	6	57.7	11	88.7	2	21.5	0	0.0	0	0
Delta	0	0.0	42	49.3	76	95.8	78	109.6	39	48.3	20	24.0	4	5.5	0	0
Denver	30	2.1	1,246	83.0	2,500	99.9	2,552	93.9	1,736	68.5	689	32.2	98	6.5	5	0
Dolores	1	17.5	5	100.0	8	160.0	7	140.0	7	140.0	1	20.0	0	0.0	0	0
Douglas	0	0.0	32	23.7	142	114.3	327	120.5	253	84.5	86	36.0	13	6.7	0	0
Eagle	0	0.0	11	17.9	85	73.9	110	73.5	115	98.5	43	56.6	6	10.7	0	0
Elbert	0	0.0	11	29.7	24	68.2	50	153.8	41	105.4	19	43.1	2	5.1	0	0
El Paso	6	0.4	846	45.9	2,457	142.7	2,449	159.7	1,395	83.4	437	27.6	52	4.1	0	0
Fremont	0	0.0	59	54.4	107	96.4	119	113.1	49	46.0	27	27.8	3	3.7	0	0
Garfield	0	0.0	40	48.6	109	122.7	147	130.7	97	71.4	26	21.0	5	5.5	0	0
Gilpin	0	0.0	5	49.0	10	126.6	22	229.2	16	103.2	4	25.6	1	8.4	0	0
Grand	0	0.0	6	16.6	25	58.0	48	85.0	30	51.2	12	26.4	1	3.3	0	0
Gunnison	0	0.0	10	14.1	33	31.9	34	57.2	35	81.6	12	28.5	2	6.5	0	0
Hinsdale	0	0.0	1	200.0	2	-	1	100.0	2	105.3	2	100.0	0	0.0	0	0
Huerfano	0	0.0	7	36.6	21	106.6	26	93.5	11	34.6	4	15.4	2	9.8	0	0
Jackson	0	0.0	2	37.7	7	122.0	7	162.8	4	59.7	2	27.4	0	0.0	0	0
Jefferson	9	0.6	433	27.2	1,339	84.4	2,421	133.3	1,736	81.7	542	25.8	70	4.0	1	0
Kiowa	0	0.0	1	22.2	7	142.9	14	280.0	2	37.0	1	25.6	0	0.0	0	0
Kit Carson	0	0.0	12	46.7	34	141.7	41	149.6	24	83.3	6	21.6	1	4.2	0	0
Lake	0	0.0	18	78.9	23	108.5	28	95.6	17	50.6	3	11.4	0	0.0	0	0
La Plata	1	1.1	55	42.1	97	63.9	155	100.0	132	91.2	43	34.7	3	3.2	0	0
Larimer	1	0.2	196	21.2	579	53.8	966	115.1	704	92.1	190	26.3	22	3.8	2	0
Las Animas	0	0.0	31	66.8	55	116.5	58	114.2	33	63.8	13	28.2	1	2.7	0	0
Lincoln	0	0.0	4	33.1	30	220.6	20	126.6	10	68.0	2	15.2	1	7.7	0	0
Logan	2	3.3	28	46.3	87	119.0	85	103.5	43	55.6	10	15.1	2	3.6	0	0
Mesa	3	1.0	130	44.4	325	98.5	391	104.8	240	60.1	77	20.8	9	3.1	1	0
Mineral	0	0.0	0	0.0	7	304.3	4	333.3	3	130.4	0	0.0	0	0.0	0	0
Moffat	0	0.0	20	49.5	64	210.5	59	138.5	30	49.3	11	18.5	0	0.0	0	0
Montezuma	2	2.7	34	54.7	101	190.9	100	170.6	60	81.7	19	26.1	3	5.1	0	0
Montrose	0	0.0	40	48.4	80	104.6	80	91.4	55	52.4	20	19.2	1	1.1	0	0
Morgan	2	2.6	46	65.9	145	208.3	104	127.9	42	46.1	10	12.0	0	0.0	0	0
Otero	1	1.3	59	77.7	105	129.3	98	121.6	56	70.1	15	19.9	0	0.0	0	0
Ouray	0	0.0	0	0.0	4	87.0	5	116.3	6	82.2	9	90.9	0	0.0	0	0
Park	0	0.0	3	11.7	17	85.9	37	201.1	32	106.3	5	13.8	1	3.6	0	0
Phillips	0	0.0	5	38.2	10	78.1	13	87.2	12	74.5	4	24.0	1	7.1	0	0
Pitkin	0	0.0	1	2.4	22	30.0	47	44.4	49	50.2	36	65.2	4	8.2	0	0
Prowers	1	1.9	52	114.5	76	167.4	74	142.3	32	55.3	6	11.2	3	7.3	1	0
Pueblo	3	0.7	290	56.6	595	103.5	520	98.7	272	53.2	87	19.2	11	2.9	2	0
Rio Blanco	0	0.0	15	80.6	26	145.3	33	160.2	17	69.4	5	22.5	0	0.0	0	0
Rio Grande	0	0.0	41	109.9	52	143.3	55	115.1	33	65.6	10	23.0	1	2.8	1	0
Routt	0	0.0	9	21.3	19	35.3	64	63.4	68	77.6	18	27.3	2	3.8	1	0
Saguache	0	0.0	16	135.6	30	219.0	26	180.6	8	55.6	6	44.4	1	8.7	0	0
San Juan	0	0.0	1	62.5	2	117.6	6	206.9	4	93.0	3	71.4	1	43.5	0	0
San Miguel	0	0.0	3	22.9	7	62.5	9	61.2	15	60.5	12	49.0	1	6.6	0	0

County/Region	10-14		15-19		20-24		25-29		30-34		35-39		40-44		45+	Unknown Not Stated
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	
Sedgwick	0	0.0	7	61.4	7	83.3	11	146.7	5	59.5	0	0.0	1	11.9	0	0
Summit	0	0.0	4	7.8	27	26.1	70	56.0	69	81.3	16	29.5	2	5.5	0	0
Teller	0	0.0	10	23.8	46	102.0	78	168.8	36	67.4	18	31.9	2	4.3	1	0
Washington	0	0.0	13	92.2	26	201.6	24	148.1	9	48.4	3	16.9	0	0.0	0	0
Weld	5	1.0	355	52.2	632	83.5	673	111.2	345	55.9	114	20.8	18	4.1	1	0
Yuma	0	0.0	13	41.3	27	100.4	52	168.3	25	67.6	8	21.6	0	0.0	0	0
Planning and Management Regions																
PMR 1	4	1.8	112	55.9	302	148.3	289	124.1	136	54.7	35	15.2	4	2.1	0	0
2	6	0.6	551	34.4	1,211	66.1	1,639	113.5	1,049	75.9	304	23.9	40	3.9	3	0
3	51	0.8	2,969	46.8	7,647	98.3	10,373	112.8	7,128	72.7	2,520	28.5	327	4.8	7	0
4	6	0.4	859	45.0	2,520	141.1	2,564	160.4	1,463	83.3	460	27.4	55	4.1	1	0
5	0	0.0	31	38.6	102	130.1	125	149.3	80	86.3	27	28.8	4	4.9	0	0
6	4	2.3	136	81.8	239	138.2	251	137.3	115	60.1	34	19.1	5	3.4	1	0
7	3	0.7	290	56.6	595	103.5	520	98.7	272	53.2	87	19.2	11	2.9	2	0
8	1	0.7	118	78.2	242	161.0	231	140.7	117	69.4	44	29.8	7	6.0	1	0
9	4	2.1	104	47.5	232	100.9	292	121.1	223	89.1	77	33.8	7	3.9	0	0
10	0	0.0	96	37.2	202	73.4	207	86.9	152	57.9	75	28.2	8	3.6	0	0
11	3	0.6	205	47.2	524	112.2	630	114.8	384	61.9	119	20.7	14	3.1	1	0
12	0	0.0	33	13.9	183	46.6	346	63.8	335	74.1	127	41.8	15	6.5	1	0
13	0	0.0	93	50.1	170	91.6	197	105.6	104	52.7	38	21.3	5	3.5	0	0
14	0	0.0	38	58.0	76	113.6	84	106.9	44	52.7	17	23.6	3	5.2	0	0
Metro/Non-Metro																
Denver PMSA	49	0.9	2,760	50.4	6,969	105.8	9,237	115.0	6,173	71.0	2,117	27.2	271	4.5	7	4
Denver CMSA	51	0.8	2,955	46.9	7,615	98.3	10,311	112.6	7,073	72.6	2,497	28.4	324	4.8	7	5
Total Metro	66	0.7	4,642	45.2	11,878	100.0	14,919	117.8	9,789	73.6	3,325	27.5	427	4.5	12	5
Non-Metro	16	0.8	993	47.2	2,367	102.2	2,829	108.8	1,813	66.9	639	26.4	78	4.0	5	0
Five-Region Substate Groups																
Front Range	66	0.7	4,642	45.2	11,878	100.0	14,919	117.8	9,789	73.6	3,325	27.5	427	4.5	12	5
West Slope	7	0.6	438	38.1	1,141	83.6	1,475	93.9	1,094	69.0	398	29.0	44	4.1	2	0
Eastern Plns	8	1.7	279	62.4	643	141.3	665	133.2	331	62.1	96	19.1	13	3.1	1	0
San Luis Val	1	0.7	118	78.2	242	161.0	231	140.7	117	69.4	44	29.8	7	6.0	1	0
Eastern Mtns	0	0.0	158	44.4	341	98.6	458	125.1	271	63.9	101	25.1	14	4.4	1	0
Population-Based Regions																
1 Denver	30	2.1	1,246	83.0	2,500	99.9	2,552	93.9	1,736	68.5	689	32.2	98	6.5	5	0
2 Jefferson	9	0.6	433	27.2	1,339	84.4	2,421	133.3	1,736	81.7	542	25.8	70	4.0	1	0
3 Boulder	2	0.3	195	23.5	646	55.5	1,074	95.7	900	85.9	380	37.4	53	6.6	0	1
4 Adams	8	0.8	670	68.6	1,680	146.0	1,685	121.5	785	55.1	202	17.0	27	3.0	0	1
5 Arapahoe	2	0.1	379	29.8	1,308	107.1	2,252	122.2	1,663	72.0	598	28.4	63	4.0	1	3
6 El Paso	6	0.4	846	45.9	2,457	142.7	2,449	159.7	1,395	83.4	437	27.6	52	4.1	0	0
7 Larimer	1	0.2	196	21.2	579	53.8	966	115.1	704	92.1	190	26.3	22	3.8	2	0
8 Pueblo	3	0.7	290	56.6	595	103.5	520	98.7	272	53.2	87	19.2	11	2.9	2	0
9 Weld	5	1.0	355	52.2	632	83.5	673	111.2	345	55.9	114	20.8	18	4.1	1	0
10 Northwest	3	0.6	205	47.2	524	112.2	630	114.8	384	61.9	119	20.7	14	3.1	1	0
11 Western	0	0.0	129	26.0	385	57.6	553	70.8	487	68.1	202	35.4	23	5.1	1	0
12 Eastern	8	1.7	279	62.4	643	141.3	665	133.2	331	62.1	96	19.1	13	3.1	1	0
13 Central	0	0.0	152	35.7	407	100.9	701	125.4	480	75.0	170	29.9	24	5.3	1	0
14 Southern	5	1.2	260	59.7	550	123.0	607	125.4	384	76.4	138	30.8	17	4.8	1	0

Rates are live births per 1,000 women in each age group. Rates based on few actual cases must be viewed with caution. See inside back cover for explanation of regions.

Table 32. Live Births by City of Residence and Age of Mother: Colorado Residents, 1987

City	County	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown
Colorado		53,803	82	5,635	14,245	17,748	11,602	3,964	505	17	5
Alamosa	Alamosa	165	1	23	61	47	25	7	1	0	0
Arvada	Total	1,500	3	131	361	552	351	92	10	0	0
	Adams	70	0	5	17	31	14	3	0	0	0
	Jefferson	1,430	3	126	344	521	337	89	10	0	0
Aspen	Pitkin	48	0	0	6	12	14	16	0	0	0
Aurora	Total	4,376	3	310	1,083	1,658	981	309	29	1	2
	Adams	650	1	77	239	211	99	21	2	0	0
	Arapahoe	3,726	2	233	844	1,447	882	288	27	1	2
Avon	Eagle	47	0	1	17	16	7	5	1	0	0
Basalt	Total	30	0	2	5	8	12	3	0	0	0
	Eagle	24	0	2	3	6	10	3	0	0	0
	Pitkin	6	0	0	2	2	2	0	0	0	0
Berthoud	Larimer	52	0	4	11	29	6	2	0	0	0
Boulder	Boulder	957	0	49	157	282	284	157	27	0	1
Brighton	Total	266	0	56	92	70	36	11	1	0	0
	Adams	260	0	56	91	66	35	11	1	0	0
	Weld	6	0	0	1	4	1	0	0	0	0
Broomfield	Total	447	1	34	87	181	110	32	2	0	0
	Adams	131	0	9	40	55	20	6	1	0	0
	Boulder	192	0	15	28	69	60	19	1	0	0
	Jefferson	124	1	10	19	57	30	7	0	0	0
Brush	Morgan	61	0	10	29	14	6	2	0	0	0
Burlington	Kit Carson	47	0	10	13	16	7	0	1	0	0
Canon City	Fremont	163	0	32	45	55	22	9	0	0	0
Carbondale	Garfield	47	0	4	12	19	12	0	0	0	0
Castle Rock	Douglas	140	0	9	37	53	30	11	0	0	0
Center	Saguache	48	0	10	17	12	5	3	1	0	0
Colorado Springs	El Paso	5,841	6	694	1,942	1,813	1,031	318	37	0	0
Commerce City	Adams	415	1	93	165	98	43	13	2	0	0
Conifer	Jefferson	33	0	0	5	14	10	4	0	0	0
Cortez	Montezuma	135	0	16	47	44	22	5	1	0	0
Craig	Moffat	146	0	18	52	44	24	8	0	0	0
Dacono	Weld	41	0	4	12	17	6	1	1	0	0
Del Norte	Rio Grande	37	0	6	14	10	5	2	0	0	0
Delta	Delta	62	0	14	17	17	9	4	1	0	0
Denver	Denver	8,856	30	1,246	2,500	2,552	1,736	689	98	5	0
Durango	La Plata	159	1	21	30	45	48	14	0	0	0
Eagle	Eagle	49	0	1	11	13	20	4	0	0	0
Edgewater	Jefferson	75	0	9	27	25	13	0	1	0	0
Englewood/Cherry Hills	Arapahoe	698	0	64	187	229	159	54	5	0	0
Estes Park	Larimer	35	0	3	7	15	7	3	0	0	0
Evans	Weld	130	1	24	37	42	18	7	1	0	0
Evergreen	Jefferson	72	0	4	7	18	27	15	1	0	0
Federal Heights	Adams	85	0	15	32	25	10	3	0	0	0
Florence	Fremont	48	0	5	22	9	7	5	0	0	0
Fort Collins	Larimer	1,261	0	89	249	452	353	107	10	1	0
Fort Lupton	Weld	133	1	21	50	30	20	9	2	0	0
Fort Morgan	Morgan	162	1	16	71	49	22	3	0	0	0
Fountain	El Paso	233	0	34	89	65	30	13	2	0	0
Frisco	Summit	31	0	1	5	10	10	5	0	0	0
Fruita	Mesa	48	1	8	16	19	2	2	0	0	0
Glenwood Springs	Garfield	78	0	8	17	27	20	5	1	0	0
Golden	Jefferson	321	1	26	81	102	81	28	2	0	0
Grand Junction	Mesa	409	2	60	127	123	72	22	2	1	0
Greeley	Weld	947	2	173	279	278	158	51	6	0	0
Gunnison	Gunnison	57	0	8	21	13	11	2	2	0	0

City	County	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown
Highlands Ranch	Douglas	167	0	4	23	75	51	13	1	0	0
La Junta	Otero	133	0	29	44	38	20	2	0	0	0
Lafayette	Boulder	299	0	13	66	131	71	17	1	0	0
Lakewood	Jefferson	1,705	3	152	444	596	384	106	20	0	0
Lamar	Prowers	151	1	38	52	42	13	3	1	1	0
Las Animas	Bent	41	0	7	16	13	1	2	2	0	0
Leadville	Lake	48	0	11	12	15	9	1	0	0	0
Littleton	Total	540	0	36	119	185	148	48	4	0	0
	Arapahoe	511	0	35	116	170	141	45	4	0	0
	Douglas	3	0	0	1	0	2	0	0	0	0
	Jefferson	26	0	1	2	15	5	3	0	0	0
Longmont	Boulder	923	2	95	257	309	189	63	8	0	0
Louisville	Boulder	212	0	8	29	73	78	23	1	0	0
Loveland	Larimer	618	1	40	156	238	146	35	2	0	0
Manitou Springs	El Paso	54	0	3	11	10	14	14	2	0	0
Monte Vista	Rio Grande	71	0	22	12	18	13	5	1	0	0
Montrose	Montrose	87	0	20	27	21	15	4	0	0	0
Morrison	Jefferson	71	0	7	17	21	18	7	1	0	0
Northglenn	Adams	470	1	61	159	149	75	20	5	0	0
Parker	Douglas	97	0	6	22	34	18	16	1	0	0
Platteville	Weld	39	0	7	10	17	3	1	1	0	0
Pueblo	Pueblo	1,505	3	264	500	436	225	66	9	2	0
Rangely	Rio Blanco	45	0	7	14	16	6	2	0	0	0
Rifle	Garfield	89	0	15	22	37	12	3	0	0	0
Rocky Ford	Otero	68	1	13	27	16	9	2	0	0	0
Salida	Chaffee	53	0	5	16	18	14	0	0	0	0
Steamboat Springs	Routt	66	0	1	6	22	29	8	0	0	0
Sterling	Logan	147	2	18	53	50	21	3	0	0	0
Thornton	Adams	1,091	1	118	323	413	182	49	4	0	1
Trinidad	Las Animas	130	0	24	38	34	24	9	1	0	0
Vail	Eagle	46	0	1	7	12	20	5	1	0	0
Walsenberg	Huerfano	39	0	1	13	15	8	2	0	0	0
Westminster	Total	1,111	0	86	283	418	251	64	9	0	0
	Adams	672	0	72	198	235	126	35	6	0	0
	Jefferson	439	0	14	85	183	125	29	3	0	0
Wheat Ridge	Jefferson	378	0	31	116	139	67	22	3	0	0
Windsor	Weld	83	0	7	18	36	16	5	1	0	0
Woodland Park	Teller	74	0	5	22	27	16	3	1	0	0
Yuma	Yuma	40	0	7	5	14	11	3	0	0	0

This table shows selected cities extracted from the mother's mailing address on the birth certificate. Cities with 30 or more births are included. Counts are presented as reported.

Table 33. Live Births by Race, Spanish Origin, and Sex of Child by County and Region: Colorado Residents, 1987

County/Region	Total Births			Total White			Anglo White			Spanish Surname			Total Non-White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Colorado	53,803	27,671	26,132	48,718	25,088	23,630	40,925	21,065	19,860	7,793	4,023	3,770	4,995	2,534	2,461
Adams	5,058	2,593	2,465	4,614	2,378	2,236	3,711	1,887	1,824	903	491	412	437	210	227
Alamosa	273	136	137	254	126	128	150	71	79	104	55	49	18	9	9
Arapahoe	6,269	3,250	3,019	5,531	2,874	2,657	5,275	2,745	2,530	256	129	127	730	375	355
Archuleta	88	49	39	82	48	34	67	40	27	15	8	7	6	1	5
Baca	74	33	41	72	32	40	70	32	38	2	0	2	2	1	1
Bent	65	29	36	64	29	35	39	17	22	25	12	13	1	0	1
Boulder	3,251	1,637	1,614	3,038	1,517	1,521	2,782	1,390	1,392	256	127	129	167	92	75
Chaffee	129	69	60	122	68	54	114	65	49	8	3	5	7	1	6
Cheyenne	37	20	17	37	20	17	37	20	17	0	0	0	0	0	0
Clear Creek	131	63	68	127	62	65	125	61	64	2	1	1	3	1	2
Conejos	137	77	60	136	76	60	60	31	29	76	45	31	1	1	0
Costilla	57	28	29	55	28	27	15	6	9	40	22	18	2	0	2
Crowley	42	24	18	41	23	18	26	13	13	15	10	5	1	1	0
Custer	25	8	17	24	7	17	24	7	17	0	0	0	1	1	0
Delta	259	137	122	258	137	121	219	111	108	39	26	13	1	0	1
Denver	8,856	4,562	4,294	7,058	3,656	3,402	4,606	2,404	2,202	2,452	1,252	1,200	1,789	900	889
Dolores	29	10	19	29	10	19	27	9	18	2	1	1	0	0	0
Douglas	853	431	422	841	425	416	811	409	402	30	16	14	12	6	6
Eagle	370	192	178	364	187	177	316	161	155	48	26	22	6	5	1
Elbert	147	73	74	147	73	74	147	73	74	0	0	0	0	0	0
El Paso	7,642	3,933	3,709	6,475	3,344	3,131	5,844	3,010	2,834	631	334	297	1,167	589	578
Fremont	364	199	165	360	196	164	329	180	149	31	16	15	4	3	1
Garfield	424	232	192	417	228	189	394	219	175	23	9	14	6	4	2
Gilpin	58	28	30	54	26	28	51	24	27	3	2	1	2	0	2
Grand	122	56	66	120	55	65	114	51	63	6	4	2	2	1	1
Gunnison	126	56	70	125	55	70	120	53	67	5	2	3	1	1	0
Hinsdale	8	5	3	7	5	2	7	5	2	0	0	0	1	0	1
Huerfano	71	25	46	71	25	46	41	15	26	30	10	20	0	0	0
Jackson	20	11	9	20	11	9	20	11	9	0	0	0	0	0	0
Jefferson	6,551	3,379	3,172	6,286	3,250	3,036	5,901	3,047	2,854	385	203	182	261	127	134
Kiowa	25	9	16	24	8	16	24	8	16	0	0	0	1	1	0
Kit Carson	118	60	58	116	60	56	106	59	47	10	1	9	2	0	2
Lake	89	45	44	88	44	44	64	29	35	24	15	9	1	1	0
La Plata	486	258	228	443	234	209	399	210	189	44	24	20	43	24	19
Larimer	2,660	1,390	1,270	2,565	1,337	1,228	2,341	1,218	1,123	224	119	105	92	51	41
Las Animas	191	97	94	185	94	91	102	50	52	83	44	39	6	3	3
Lincoln	67	39	28	67	39	28	67	39	28	0	0	0	0	0	0
Logan	257	140	117	251	137	114	219	122	97	32	15	17	5	3	2
Mesa	1,176	597	579	1,159	587	572	1,045	530	515	114	57	57	17	10	7
Mineral	14	8	6	14	8	6	13	7	6	1	1	0	0	0	0
Moffat	184	84	100	182	83	99	172	77	95	10	6	4	2	1	1
Montezuma	319	172	147	258	136	122	233	124	109	25	12	13	60	36	24
Montrose	276	143	133	269	140	129	232	125	107	37	15	22	7	3	4
Morgan	349	162	187	340	155	185	263	122	141	77	33	44	8	6	2
Otero	334	182	152	327	176	151	199	107	92	128	69	59	7	6	1
Ouray	24	8	16	23	7	16	22	6	16	1	1	0	1	1	0
Park	95	51	44	92	49	43	88	47	41	4	2	2	3	2	1
Phillips	45	26	19	45	26	19	43	26	17	2	0	2	0	0	0
Pitkin	159	87	72	154	84	70	147	80	67	7	4	3	3	2	1
Prowers	245	118	127	243	118	125	171	83	88	72	35	37	2	0	2
Pueblo	1,780	886	894	1,724	856	868	974	494	480	750	362	388	55	30	25
Rio Blanco	96	53	43	93	52	41	92	52	40	1	0	1	3	1	2
Rio Grande	193	99	94	193	99	94	98	54	44	95	45	50	0	0	0
Routt	181	96	85	174	92	82	170	89	81	4	3	1	7	4	3
Saguache	87	47	40	86	46	40	27	13	14	59	33	26	1	1	0
San Juan	17	11	6	16	10	6	13	9	4	3	1	2	1	1	0
San Miguel	47	23	24	47	23	24	45	21	24	2	2	0	0	0	0

County/Region	Total Births			Total White			Anglo White			Spanish Surname			Total Non-White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Sedgwick	31	14	17	31	14	17	26	11	15	5	3	2	0	0	0
Summit	188	86	102	187	86	101	187	86	101	0	0	0	1	0	1
Teller	191	99	92	189	99	90	185	98	87	4	1	3	1	0	1
Washington	75	46	29	75	46	29	71	43	28	4	3	1	0	0	0
Weld	2,143	1,121	1,022	2,104	1,103	1,001	1,528	796	732	576	307	269	38	18	20
Yuma	125	69	56	125	69	56	117	63	54	8	6	2	0	0	0
Planning and Management Regions															
PMR 1	882	457	425	867	447	420	739	387	352	128	60	68	13	9	4
2	4,803	2,511	2,292	4,669	2,440	2,229	3,869	2,014	1,855	800	426	374	130	69	61
3	31,027	15,943	15,084	27,549	14,188	13,361	23,262	11,967	11,295	4,287	2,221	2,066	3,401	1,711	1,690
4	7,928	4,083	3,845	6,756	3,492	3,264	6,117	3,155	2,962	639	337	302	1,171	591	580
5	369	192	177	367	192	175	357	191	166	10	1	9	2	0	2
6	785	395	390	771	386	385	529	260	269	242	126	116	14	9	5
7	1,780	886	894	1,724	856	868	974	494	480	750	362	388	55	30	25
8	761	395	366	738	383	355	363	182	181	375	201	174	22	11	11
9	939	500	439	828	438	390	739	392	347	89	46	43	110	62	48
10	740	372	368	729	367	362	645	321	324	84	46	38	11	5	6
11	1,880	966	914	1,851	950	901	1,703	878	825	148	72	76	28	16	12
12	1,040	528	512	1,019	515	504	954	478	476	65	37	28	19	12	7
13	607	321	286	594	315	279	531	281	250	63	34	29	13	6	7
14	262	122	140	256	119	137	143	65	78	113	54	59	6	3	3
Metro/Non-Metro															
Denver PMSA	27,587	14,215	13,372	24,330	12,583	11,747	20,304	10,492	9,812	4,026	2,091	1,935	3,229	1,618	1,611
Denver CMSA	30,838	15,852	14,986	27,368	14,100	13,268	23,086	11,882	11,204	4,282	2,218	2,064	3,396	1,710	1,686
Total Metro	45,063	23,182	21,881	40,236	20,740	19,496	33,773	17,400	16,373	6,463	3,340	3,123	4,748	2,398	2,350
Non-Metro	8,740	4,489	4,251	8,482	4,348	4,134	7,152	3,665	3,487	1,330	683	647	247	136	111
Five-Region Substate Groups															
Front Range	45,063	23,182	21,881	40,236	20,740	19,496	33,773	17,400	16,373	6,463	3,340	3,123	4,748	2,398	2,350
Western Slope	4,599	2,366	2,233	4,427	2,270	2,157	4,041	2,069	1,972	386	201	185	168	95	73
Eastern Plains	2,036	1,044	992	2,005	1,025	980	1,625	838	787	380	187	193	29	18	11
San Luis Valley	761	395	366	738	383	355	363	182	181	375	201	174	22	11	11
Eastern Mtns	1,344	684	660	1,312	670	642	1,123	576	547	189	94	95	28	12	16
Population-Based Regions															
1 Denver	8,856	4,562	4,294	7,058	3,656	3,402	4,606	2,404	2,202	2,452	1,252	1,200	1,789	900	889
2 Jefferson	6,551	3,379	3,172	6,286	3,250	3,036	5,901	3,047	2,854	385	203	182	261	127	[illegible]
3 Boulder	3,251	1,637	1,614	3,038	1,517	1,521	2,782	1,390	1,392	256	127	129	167	92	[illegible]
4 Adams	5,058	2,593	2,465	4,614	2,378	2,236	3,711	1,887	1,824	903	491	412	437	210	227
5 Arapahoe	6,269	3,250	3,019	5,531	2,874	2,657	5,275	2,745	2,530	256	129	127	730	375	355
6 El Paso	7,642	3,933	3,709	6,475	3,344	3,131	5,844	3,010	2,834	631	334	297	1,167	589	578
7 Larimer	2,660	1,390	1,270	2,565	1,337	1,228	2,341	1,218	1,123	224	119	105	92	51	41
8 Pueblo	1,780	886	894	1,724	856	868	974	494	480	750	362	388	55	30	25
9 Weld	2,143	1,121	1,022	2,104	1,103	1,001	1,528	796	732	576	307	269	38	18	20
10 Northwest Reg	1,880	966	914	1,851	950	901	1,703	878	825	148	72	76	28	16	12
11 Western Reg	1,780	900	880	1,748	882	866	1,599	799	800	149	83	66	30	17	13
12 Eastern Reg	2,036	1,044	992	2,005	1,025	980	1,625	838	787	380	187	193	29	18	11
13 Central Reg	1,935	993	942	1,897	976	921	1,791	920	871	106	56	50	34	15	19
14 Southern Reg	1,962	1,017	945	1,822	940	882	1,245	639	606	577	301	276	138	76	62

Table 33, Continued.

County/Region	Black			Native American			Asian			Other			Spanish Origin		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Colorado	3,161	1,599	1,562	543	282	261	1,283	650	633	8	3	5	7,941	4,102	3,839
Adams	259	121	138	50	23	27	128	66	62	0	0	0	878	482	396
Alamosa	3	0	3	5	4	1	6	4	2	4	1	3	115	61	54
Arapahoe	463	240	223	35	18	17	231	116	115	1	1	0	276	154	122
Archuleta	0	0	0	4	1	3	2	0	2	0	0	0	6	4	2
Baca	0	0	0	2	1	1	0	0	0	0	0	0	7	4	3
Bent	0	0	0	0	0	0	1	0	1	0	0	0	24	13	11
Boulder	24	13	11	27	17	10	116	62	54	0	0	0	264	124	140
Chaffee	0	0	0	5	1	4	2	0	2	0	0	0	13	8	5
Cheyenne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clear Creek	1	0	1	2	1	1	0	0	0	0	0	0	3	1	2
Conejos	0	0	0	1	1	0	0	0	0	0	0	0	83	50	33
Costilla	0	0	0	0	0	0	2	0	2	0	0	0	45	23	22
Crowley	1	1	0	0	0	0	0	0	0	0	0	0	15	9	6
Custer	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1
Delta	0	0	0	1	0	1	0	0	0	0	0	0	16	10	6
Denver	1,425	717	708	107	52	55	256	131	125	1	0	1	2,567	1,310	1,257
Dolores	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Douglas	2	1	1	2	0	2	8	5	3	0	0	0	29	15	14
Eagle	1	1	0	2	2	0	3	2	1	0	0	0	52	30	22
Elbert	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
El Paso	830	420	410	90	44	46	246	125	121	1	0	1	698	362	336
Fremont	0	0	0	3	2	1	1	1	0	0	0	0	36	20	16
Garfield	1	1	0	2	1	1	3	2	1	0	0	0	21	9	12
Gilpin	0	0	0	1	0	1	1	0	1	0	0	0	2	1	1
Grand	0	0	0	1	1	0	1	0	1	0	0	0	5	3	2
Gunnison	0	0	0	1	1	0	0	0	0	0	0	0	3	1	2
Hinsdale	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Huerfano	0	0	0	0	0	0	0	0	0	0	0	0	37	12	25
Jackson	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Jefferson	62	36	26	34	12	22	165	79	86	0	0	0	395	208	187
Kiowa	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Kit Carson	0	0	0	1	0	1	1	0	1	0	0	0	10	1	9
Lake	1	1	0	0	0	0	0	0	0	0	0	0	26	18	8
La Plata	1	0	1	35	18	17	7	6	1	0	0	0	15	9	6
Larimer	20	13	7	22	13	9	50	25	25	0	0	0	228	122	106
Las Animas	1	0	1	4	2	2	1	1	0	0	0	0	92	45	47
Lincoln	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Logan	1	0	1	1	1	0	2	1	1	1	1	0	34	18	16
Mesa	6	2	4	2	2	0	9	6	3	0	0	0	61	34	27
Mineral	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Moffat	0	0	0	2	1	1	0	0	0	0	0	0	9	6	3
Montezuma	0	0	0	57	35	22	3	1	2	0	0	0	25	13	12
Montrose	2	1	1	1	0	1	4	2	2	0	0	0	30	14	16
Morgan	2	2	0	4	3	1	2	1	1	0	0	0	82	34	48
Otero	1	1	0	1	1	0	5	4	1	0	0	0	142	83	59
Ouray	0	0	0	1	1	0	0	0	0	0	0	0	4	1	3
Park	0	0	0	1	1	0	2	1	1	0	0	0	4	2	2
Phillips	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Pitkin	1	1	0	0	0	0	2	1	1	0	0	0	6	4	2
Prowers	0	0	0	1	0	1	1	0	1	0	0	0	73	36	37
Pueblo	39	20	19	9	8	1	7	2	5	0	0	0	774	366	408
Rio Blanco	0	0	0	2	0	2	1	1	0	0	0	0	3	1	2
Rio Grande	0	0	0	0	0	0	0	0	0	0	0	0	77	36	41
Routt	0	0	0	6	4	2	1	0	1	0	0	0	3	2	1
Saguache	0	0	0	1	1	0	0	0	0	0	0	0	52	29	23
San Juan	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0
San Miguel	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1

County/Region	Black			Native American			Asian			Other			Spanish Origin		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Sedgwick	0	0	0	0	0	0	0	0	0	0	0	0	4	2	2
Summit	0	0	0	1	0	1	0	0	0	0	0	0	4	1	3
Teller	0	0	0	0	0	0	1	0	1	0	0	0	2	1	1
Washington	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0
Weld	14	7	7	13	7	6	11	4	7	0	0	0	565	292	273
Yuma	0	0	0	0	0	0	0	0	0	0	0	0	10	8	2
Planning and Management Regions															
PMR 1	3	2	1	5	4	1	4	2	2	1	1	0	136	65	71
2	34	20	14	35	20	15	61	29	32	0	0	0	793	414	379
3	2,236	1,128	1,108	258	123	135	905	459	446	2	1	1	4,414	2,295	2,119
4	830	420	410	91	45	46	249	126	123	1	0	1	704	365	339
5	0	0	0	1	0	1	1	0	1	0	0	0	12	3	9
6	2	2	0	4	2	2	8	5	3	0	0	0	261	145	116
7	39	20	19	9	8	1	7	2	5	0	0	0	774	366	408
8	3	0	3	7	6	1	8	4	4	4	1	3	373	200	173
9	1	0	1	97	55	42	12	7	5	0	0	0	48	27	21
10	2	1	1	5	2	3	4	2	2	0	0	0	56	28	28
11	7	3	4	8	4	4	13	9	4	0	0	0	94	50	44
12	2	2	0	10	7	3	7	3	4	0	0	0	71	41	30
13	1	1	0	9	4	5	3	1	2	0	0	0	76	46	30
14	1	0	1	4	2	2	1	1	0	0	0	0	129	57	72
Metro/Non-Metro															
Denver PMSA	2,211	1,115	1,096	228	105	123	788	397	391	2	1	1	4,145	2,169	1,976
Denver CMSA	2,235	1,128	1,107	255	122	133	904	459	445	2	1	1	4,409	2,293	2,116
Total Metro	3,138	1,588	1,550	389	194	195	1,218	615	603	3	1	2	6,674	3,435	3,239
Non-Metro	23	11	12	154	88	66	65	35	30	5	2	3	1,267	667	600
Five-Region Substate Groups															
Front Range	3,138	1,588	1,550	389	194	195	1,218	615	603	3	1	2	6,674	3,435	3,239
Western Slope	12	6	6	120	68	52	36	21	15	0	0	0	269	146	123
Eastern Plains	5	4	1	10	6	4	13	7	6	1	1	0	409	213	196
San Luis Valley	3	0	3	7	6	1	8	4	4	4	1	3	373	200	173
Eastern Mtns	3	1	2	17	8	9	8	3	5	0	0	0	216	108	108
Population-Based Regions															
1 Denver	1,425	717	708	107	52	55	256	131	125	1	0	1	2,567	1,310	1,257
2 Jefferson	62	36	26	34	12	22	165	79	86	0	0	0	395	208	187
3 Boulder	24	13	11	27	17	10	116	62	54	0	0	0	264	124	140
4 Adams	259	121	138	50	23	27	128	66	62	0	0	0	878	482	396
5 Arapahoe	463	240	223	35	18	17	231	116	115	1	1	0	276	154	122
6 El Paso	830	420	410	90	44	46	246	125	121	1	0	1	698	362	336
7 Larimer	20	13	7	22	13	9	50	25	25	0	0	0	228	122	106
8 Pueblo	39	20	19	9	8	1	7	2	5	0	0	0	774	366	408
9 Weld	14	7	7	13	7	6	11	4	7	0	0	0	565	292	273
10 Northwest Reg	7	3	4	8	4	4	13	9	4	0	0	0	94	50	44
11 Western Reg	4	3	1	15	9	6	11	5	6	0	0	0	127	69	58
12 Eastern Reg	5	4	1	10	6	4	13	7	6	1	1	0	409	213	196
13 Central Reg	4	2	2	15	6	9	15	7	8	0	0	0	116	66	50
14 Southern Reg	5	0	5	108	63	45	21	12	9	4	1	3	550	284	266

Spanish origin is independent of race. Race was unknown or not stated for 90 live births in 1987. See inside back cover for description of regions.

Table 34. Live Births by Birth Weight by County and Region: Colorado, 1987

County/Region	Total	Birth Weight in Grams												Low Weight Birth
		<500	500-999	1,000-1,499	1,500-1,999	2,000-2,499	2,500-2,999	3,000-3,499	3,500-3,999	4,000-4,499	4,500-4,999	5,000+	Unk	
Colorado	53,803	44	240	266	753	2,962	11,065	21,901	13,203	2,964	350	45	10	4,265
Adams	5,058	8	26	30	80	305	1,079	1,970	1,213	304	37	6	0	449
Alamosa	273	0	0	1	5	15	62	104	68	12	5	0	1	21
Arapahoe	6,269	4	26	25	83	313	1,213	2,580	1,612	370	38	4	1	451
Archuleta	88	0	0	0	0	4	25	32	25	2	0	0	0	4
Baca	74	0	1	2	4	2	8	31	20	5	1	0	0	9
Bent	65	0	0	0	2	2	14	32	11	3	1	0	0	4
Boulder	3,251	0	7	8	37	141	592	1,353	899	189	23	2	0	193
Chaffee	129	0	0	0	3	10	34	57	20	5	0	0	0	13
Cheyenne	37	0	1	0	0	0	4	12	16	3	1	0	0	1
Clear Creek	131	0	0	0	3	8	32	44	33	11	0	0	0	11
Conejos	137	0	0	0	1	8	34	56	34	2	2	0	0	9
Costilla	57	0	0	0	0	3	22	22	8	2	0	0	0	3
Crowley	42	0	0	0	0	1	7	17	15	1	1	0	0	1
Custer	25	0	0	0	0	1	8	10	3	3	0	0	0	1
Delta	259	0	1	0	2	13	59	105	65	12	1	0	1	16
Denver	8,856	6	49	56	146	603	1,954	3,593	1,946	450	46	7	0	860
Dolores	29	0	0	0	1	1	6	12	9	0	0	0	0	2
Douglas	853	1	4	2	11	46	153	343	253	39	1	0	0	64
Eagle	370	0	1	4	7	25	89	147	83	12	2	0	0	37
Elbert	147	0	0	2	1	12	27	57	35	13	0	0	0	15
El Paso	7,642	5	46	47	97	428	1,752	3,126	1,727	361	43	8	2	623
Fremont	364	0	1	2	3	24	67	157	79	29	2	0	0	30
Garfield	424	1	2	1	4	17	92	174	109	23	0	0	1	25
Gilpin	58	0	0	0	0	2	19	24	12	1	0	0	0	2
Grand	122	0	0	0	2	4	42	48	18	8	0	0	0	6
Gunnison	126	0	1	2	3	11	29	45	30	4	1	0	0	17
Hinsdale	8	0	0	0	0	1	4	1	1	1	0	0	0	1
Huerfano	71	0	0	0	3	6	15	27	18	1	1	0	0	9
Jackson	20	0	0	0	0	3	5	8	4	0	0	0	0	3
Jefferson	6,551	4	18	29	93	333	1,294	2,623	1,702	401	46	6	2	477
Kiowa	25	0	0	0	0	1	3	10	8	2	1	0	0	1
Kit Carson	118	0	0	0	0	6	22	37	39	13	1	0	0	6
Lake	89	0	1	2	2	7	26	37	14	0	0	0	0	12
La Plata	486	0	1	4	9	36	81	207	123	22	2	1	0	50
Larimer	2,660	2	6	6	49	105	491	1,075	726	173	26	1	0	168
Las Animas	191	0	1	1	3	8	41	84	43	8	2	0	0	13
Lincoln	67	0	1	0	0	1	9	29	23	4	0	0	0	2
Logan	257	1	0	2	5	5	46	105	74	15	3	1	0	13
Mesa	1,176	3	6	4	10	71	238	486	288	59	11	0	0	94
Mineral	14	0	0	0	0	0	3	7	4	0	0	0	0	0
Moffat	184	0	1	1	1	9	40	82	40	10	0	0	0	12
Montezuma	319	1	2	1	1	18	53	138	89	14	2	0	0	23
Montrose	276	1	4	0	2	24	37	116	79	12	1	0	0	31
Morgan	349	1	3	1	6	13	54	158	81	28	3	1	0	24
Otero	334	1	1	1	3	17	70	140	81	20	0	0	0	23
Ouray	24	0	3	0	0	2	4	9	5	1	0	0	0	5
Park	95	0	0	1	2	6	21	40	20	4	1	0	0	9
Phillips	45	0	0	0	0	2	5	21	14	2	1	0	0	2
Pitkin	159	0	0	1	3	9	38	78	24	2	1	1	2	13
Prowers	245	0	2	3	4	12	45	107	55	13	3	1	0	21
Pueblo	1,780	1	6	5	26	90	368	721	447	99	17	0	0	128
Rio Blanco	96	0	0	0	1	5	13	37	31	9	0	0	0	6
Rio Grande	193	0	0	2	6	15	38	89	35	6	2	0	0	23
Routt	181	0	1	1	4	13	33	74	43	12	0	0	0	19
Saguache	87	0	0	1	0	4	22	33	24	3	0	0	0	5
San Juan	17	0	0	0	0	1	4	6	4	1	1	0	0	1

County/Region	Total	<500	500-999	1,000-1,499	1,500-1,999	2,000-2,499	2,500-2,999	3,000-3,499	3,500-3,999	4,000-4,499	4,500-4,999	5,000+	Unk	Low Weight Birth
						Birth Weight in Grams								
San Miguel	47	0	0	0	0	3	14	14	14	2	0	0	0	3
Sedgwick	31	0	0	0	0	1	2	16	11	1	0	0	0	1
Summit	188	0	0	1	2	9	53	78	41	4	0	0	0	12
Teller	191	0	3	1	1	18	44	86	33	4	0	1	0	23
Washington	75	0	0	0	0	2	13	32	21	7	0	0	0	2
Weld	2,143	4	12	15	21	103	380	894	560	133	16	5	0	155
Yuma	125	0	2	1	1	4	13	45	41	14	4	0	0	8
Planning and Management Regions														
PMR 1	882	2	5	4	12	27	133	377	242	67	11	2	0	50
2	4,803	6	18	21	70	208	871	1,969	1,286	306	42	6	0	323
3	31,027	23	130	150	453	1,751	6,336	12,530	7,670	1,765	191	25	3	2,507
4	7,928	5	49	49	100	452	1,817	3,252	1,780	369	44	9	2	655
5	369	0	2	2	1	19	62	135	113	33	2	0	0	24
6	785	1	4	6	13	35	147	337	190	44	7	1	0	59
7	1,780	1	6	5	26	90	368	721	447	99	17	0	0	128
8	761	0	0	4	12	45	181	311	173	25	9	0	1	61
9	939	1	3	5	11	60	169	395	250	39	5	1	0	80
10	740	1	9	2	7	54	147	290	194	32	3	0	1	73
11	1,880	4	9	6	16	102	383	779	468	101	11	0	1	137
12	1,040	0	2	7	18	63	260	433	213	38	3	1	2	90
13	607	0	2	4	8	42	135	261	116	37	2	0	0	56
14	262	0	1	1	6	14	56	111	61	9	3	0	0	22
Metro/Non-Metro														
Denver PMSA	27,587	23	123	142	413	1,600	5,693	11,109	6,726	1,564	168	23	3	2,301
Denver CMSA	30,838	23	130	150	450	1,741	6,285	12,462	7,625	1,753	191	25	3	2,494
Total Metro	45,063	35	200	223	643	2,467	9,276	18,278	11,085	2,519	293	39	5	3,568
Non-Metro	8,740	9	40	43	110	495	1,789	3,623	2,118	445	57	6	5	697
Five-Region Substate Groups														
Front Range	45,063	35	200	223	643	2,467	9,276	18,278	11,085	2,519	293	39	5	3,568
Western Slope	4,599	6	23	20	52	279	959	1,897	1,125	210	22	2	4	380
Eastern Plains	2,036	3	11	12	26	81	342	849	545	144	20	3	0	133
San Luis Valley	761	0	0	4	12	45	181	311	173	25	9	0	1	61
Eastern Mtns	1,344	0	6	7	20	90	307	566	275	66	6	1	0	123
Population-Based Regions														
1 Denver	8,856	6	49	56	146	603	1,954	3,593	1,946	450	46	7	0	860
2 Jefferson	6,551	4	18	29	93	333	1,294	2,623	1,702	401	46	6	2	477
3 Boulder	3,251	0	7	8	37	141	592	1,353	899	189	23	2	0	193
4 Adams	5,058	8	26	30	80	305	1,079	1,970	1,213	304	37	6	0	449
5 Arapahoe	6,269	4	26	25	83	313	1,213	2,580	1,612	370	38	4	1	451
6 El Paso	7,642	5	46	47	97	428	1,752	3,126	1,727	361	43	8	2	623
7 Larimer	2,660	2	6	6	49	105	491	1,075	726	173	26	1	0	168
8 Pueblo	1,780	1	6	5	26	90	368	721	447	99	17	0	0	128
9 Weld	2,143	4	12	15	21	103	380	894	560	133	16	5	0	155
10 Northwest Reg	1,880	4	9	6	16	102	383	779	468	101	11	0	1	137
11 Western Reg	1,780	1	11	9	25	117	407	723	407	70	6	1	3	163
12 Eastern Reg	2,036	3	11	12	26	81	342	849	545	144	20	3	0	133
13 Central Reg	1,935	1	9	8	25	122	404	798	467	96	4	1	0	165
14 Southern Reg	1,962	1	4	10	29	119	406	817	484	73	17	1	1	163

Low weight birth is less than 2,500 grams. See the technical notes for this report for equivalents of gram weights in terms of pounds and ounces.

Table 35. Live Births by Trimester Care Began by County and Region: Colorado Residents, 1987

County/Region	Total Live Births	Trimester Care Began First		Second		Third		Unknown/Not Stated		No Care	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Colorado	53,803	40,997	77.6	9,378	17.7	2,030	3.8	959	1.8	439	0.8
Adams	5,058	3,739	74.8	982	19.6	201	4.0	56	1.1	80	1.6
Alamosa	273	194	72.1	57	21.2	18	6.7	4	1.5	0	0.0
Arapahoe	6,269	5,303	85.0	753	12.1	146	2.3	33	0.5	34	0.5
Archuleta	88	71	80.7	16	18.2	1	1.1	0	0.0	0	0.0
Baca	74	60	83.3	7	9.7	4	5.6	2	2.7	1	1.4
Bent	65	42	64.6	21	32.3	2	3.1	0	0.0	0	0.0
Boulder	3,251	2,354	79.4	494	16.7	104	3.5	286	8.8	13	0.4
Chaffee	129	99	78.0	20	15.7	7	5.5	2	1.6	1	0.8
Cheyenne	37	29	78.4	8	21.6	0	0.0	0	0.0	0	0.0
Clear Creek	131	101	78.3	24	18.6	4	3.1	2	1.5	0	0.0
Conejos	137	94	70.1	31	23.1	9	6.7	3	2.2	0	0.0
Costilla	57	39	68.4	13	22.8	4	7.0	0	0.0	1	1.8
Crowley	42	25	59.5	17	40.5	0	0.0	0	0.0	0	0.0
Custer	25	16	66.7	7	29.2	1	4.2	1	4.0	0	0.0
Delta	259	140	56.0	80	32.0	24	9.6	9	3.5	6	2.4
Denver	8,856	6,295	71.8	1,862	21.2	482	5.5	87	1.0	130	1.5
Dolores	29	25	86.2	3	10.3	1	3.4	0	0.0	0	0.0
Douglas	853	763	89.8	69	8.1	12	1.4	3	0.4	6	0.7
Eagle	370	300	83.1	39	10.8	17	4.7	9	2.4	5	1.4
Elbert	147	121	82.3	24	16.3	2	1.4	0	0.0	0	0.0
El Paso	7,642	5,982	78.3	1,368	17.9	226	3.0	7	0.1	59	0.8
Fremont	364	268	74.9	71	19.8	16	4.5	6	1.6	3	0.8
Garfield	424	318	77.4	77	18.7	15	3.6	13	3.1	1	0.2
Gilpin	58	47	83.9	9	16.1	0	0.0	2	3.4	0	0.0
Grand	122	96	80.0	21	17.5	3	2.5	2	1.6	0	0.0
Gunnison	126	109	87.2	15	12.0	1	0.8	1	0.8	0	0.0
Hinsdale	8	6	85.7	0	0.0	1	14.3	1	12.5	0	0.0
Huerfano	71	51	71.8	19	26.8	1	1.4	0	0.0	0	0.0
Jackson	20	15	75.0	4	20.0	1	5.0	0	0.0	0	0.0
Jefferson	6,551	5,590	86.2	729	11.2	138	2.1	63	1.0	31	0.5
Kiowa	25	18	72.0	5	20.0	2	8.0	0	0.0	0	0.0
Kit Carson	118	91	77.8	19	16.2	7	6.0	1	0.8	0	0.0
Lake	89	57	64.8	25	28.4	6	6.8	1	1.1	0	0.0
La Plata	486	393	81.5	73	15.1	10	2.1	4	0.8	6	1.2
Larimer	2,660	1,938	74.5	521	20.0	138	5.3	57	2.1	6	0.2
Las Animas	191	107	58.5	49	26.8	23	12.6	8	4.2	4	2.2
Lincoln	67	54	80.6	10	14.9	3	4.5	0	0.0	0	0.0
Logan	257	171	67.6	69	27.3	12	4.7	4	1.6	1	0.4
Mesa	1,176	837	74.5	221	19.7	59	5.2	52	4.4	7	0.6
Mineral	14	11	78.6	2	14.3	1	7.1	0	0.0	0	0.0
Moffat	184	133	74.3	36	20.1	10	5.6	5	2.7	0	0.0
Montezuma	319	231	72.6	62	19.5	18	5.7	1	0.3	7	2.2
Montrose	276	191	74.6	51	19.9	9	3.5	20	7.2	5	2.0
Morgan	349	220	65.1	95	28.1	21	6.2	11	3.2	2	0.6
Otero	334	232	69.7	85	25.5	14	4.2	1	0.3	2	0.6
Ouray	24	20	87.0	2	8.7	1	4.3	1	4.2	0	0.0
Park	95	75	80.6	15	16.1	2	2.2	2	2.1	1	1.1
Phillips	45	34	75.6	10	22.2	1	2.2	0	0.0	0	0.0
Pitkin	159	137	89.0	14	9.1	3	1.9	5	3.1	0	0.0
Prowers	245	136	57.6	73	30.9	26	11.0	9	3.7	1	0.4
Pueblo	1,780	1,253	71.1	412	23.4	81	4.6	18	1.0	16	0.9
Rio Blanco	96	75	78.1	20	20.8	1	1.0	0	0.0	0	0.0
Rio Grande	193	133	70.0	44	23.2	12	6.3	3	1.6	1	0.5
Routt	181	138	76.7	36	20.0	6	3.3	1	0.6	0	0.0
Saguache	87	55	64.7	22	25.9	7	8.2	2	2.3	1	1.2
San Juan	17	14	82.4	3	17.6	0	0.0	0	0.0	0	0.0
San Miguel	47	35	83.3	6	14.3	0	0.0	5	10.6	1	2.4

County/Region	Total Live Births	Trimester Care Began									
		First		Second		Third		Unknown/Not Stated		No Care	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Sedgwick	31	24	77.4	7	22.6	0	0.0	0	0.0	0	0.0
Summit	188	168	89.4	16	8.5	3	1.6	0	0.0	1	0.5
Teller	191	142	74.3	43	22.5	4	2.1	0	0.0	2	1.0
Washington	75	55	75.3	16	21.9	2	2.7	2	2.7	0	0.0
Weld	2,143	1,425	71.5	456	22.9	107	5.4	151	7.0	4	0.2
Yuma	125	102	83.6	20	16.4	0	0.0	3	2.4	0	0.0
Planning and Management Regions											
PMR 1	882	606	70.3	217	25.2	36	4.2	20	2.3	3	0.3
2	4,803	3,363	73.2	977	21.3	245	5.3	208	4.3	10	0.2
3	31,027	24,192	79.3	4,922	16.1	1,087	3.6	532	1.7	294	1.0
4	7,928	6,199	78.3	1,426	18.0	232	2.9	9	0.1	62	0.8
5	369	295	80.2	61	16.6	12	3.3	1	0.3	0	0.0
6	785	513	66.4	208	26.9	48	6.2	12	1.5	4	0.5
7	1,780	1,253	71.1	412	23.4	81	4.6	18	1.0	16	0.9
8	761	526	70.2	169	22.6	51	6.8	12	1.6	3	0.4
9	939	734	78.6	157	16.8	30	3.2	5	0.5	13	1.4
10	740	501	71.3	154	21.9	36	5.1	37	5.0	12	1.7
11	1,880	1,363	75.3	354	19.6	85	4.7	70	3.7	8	0.4
12	1,040	854	83.5	130	12.7	33	3.2	17	1.6	6	0.6
13	607	440	73.7	123	20.6	30	5.0	10	1.6	4	0.7
14	262	158	62.2	68	26.8	24	9.4	8	3.1	4	1.6
Metro/Non-Metro											
Denver PMSA	27,587	21,690	79.3	4,395	16.1	979	3.6	242	0.9	281	1.0
Denver CMSA	30,838	24,044	79.3	4,889	16.1	1,083	3.6	528	1.7	294	1.0
Total Metro	45,063	34,642	78.2	7,646	17.3	1,635	3.7	761	1.7	379	0.9
Non-Metro	8,740	6,355	74.4	1,732	20.3	395	4.6	198	2.3	60	0.7
Five-Region Substate Groups											
Front Range	45,063	34,642	78.2	7,646	17.3	1,635	3.7	761	1.7	379	0.9
Western Slope	4,599	3,452	77.2	795	17.8	184	4.1	129	2.8	39	0.9
Eastern Plains	2,036	1,414	70.6	486	24.3	96	4.8	33	1.6	7	0.3
San Luis Valley	761	526	70.2	169	22.6	51	6.8	12	1.6	3	0.4
Eastern Mtns	1,344	963	73.0	282	21.4	64	4.8	24	1.8	11	0.8
Population-Based Regions											
1 Denver	8,856	6,295	71.8	1,862	21.2	482	5.5	87	1.0	130	1.5
2 Jefferson	6,551	5,590	86.2	729	11.2	138	2.1	63	1.0	31	0.5
3 Boulder	3,251	2,354	79.4	494	16.7	104	3.5	286	8.8	13	0.4
4 Adams	5,058	3,739	74.8	982	19.6	201	4.0	56	1.1	80	1.6
5 Arapahoe	6,269	5,303	85.0	753	12.1	146	2.3	33	0.5	34	0.5
6 El Paso	7,642	5,982	78.3	1,368	17.9	226	3.0	7	0.1	59	0.8
7 Larimer	2,660	1,938	74.5	521	20.0	138	5.3	57	2.1	6	0.2
8 Pueblo	1,780	1,253	71.1	412	23.4	81	4.6	18	1.0	16	0.9
9 Weld	2,143	1,425	71.5	456	22.9	107	5.4	151	7.0	4	0.2
10 Northwest Reg	1,880	1,363	75.3	354	19.6	85	4.7	70	3.7	8	0.4
11 Western Reg	1,780	1,355	78.5	284	16.5	69	4.0	54	3.0	18	1.0
12 Eastern Reg	2,036	1,414	70.6	486	24.3	96	4.8	33	1.6	7	0.3
13 Central Reg	1,935	1,568	81.8	283	14.8	52	2.7	19	1.0	13	0.7
14 Southern Reg	1,962	1,418	73.2	394	20.3	105	5.4	25	1.3	20	1.0

A trimester is a three-month period of time. The "no care" category includes births with care only at delivery. Percentages for trimesters and no care categories are of live births with prenatal care reported. Percentage for unknown/not stated category is of total live births.

Table 36. Educational Attainment of Mother and Live-Birth Order by County and Region: Colorado Residents, 1987

Place	Total Live Births	Mother's Education <12 Yrs	12+ Yrs	Unk	Birth Order First No.	Percent	Second No.	Percent	Third No.	Percent	Fourth No.	Percent	Fifth + No.	Percent	Not Stated No.	Percent
Colorado	53,803	9,145	44,263	395	22,278	41.8	18,011	33.8	8,449	15.9	2,951	5.5	1,565	2.9	549	1.0
Adams	5,058	1,131	3,896	31	2,039	40.5	1,702	33.8	856	17.0	293	5.8	141	2.8	27	0.5
Alamosa	273	47	224	2	104	38.2	77	28.3	57	21.0	16	5.9	18	6.6	1	0.4
Arapahoe	6,269	554	5,696	19	2,652	42.5	2,239	35.9	942	15.1	298	4.8	109	1.7	29	0.5
Archuleta	88	11	75	2	30	34.5	31	35.6	17	19.5	8	9.2	1	1.1	1	1.1
Baca	74	12	61	1	22	29.7	25	33.8	16	21.6	7	9.5	4	5.4	0	0.0
Bent	65	18	47	0	24	36.9	21	32.3	13	20.0	5	7.7	2	3.1	0	0.0
Boulder	3,251	290	2,845	116	1,301	42.9	1,058	34.9	447	14.7	149	4.9	80	2.6	216	6.6
Chaffee	129	21	108	0	40	31.5	48	37.8	23	18.1	10	7.9	6	4.7	2	1.6
Cheyenne	37	2	35	0	11	29.7	16	43.2	9	24.3	0	0.0	1	2.7	0	0.0
Clear Creek	131	16	114	1	56	42.7	47	35.9	20	15.3	4	3.1	4	3.1	0	0.0
Conejos	137	24	112	1	39	28.7	36	26.5	27	19.9	16	11.8	18	13.2	1	0.7
Costilla	57	15	42	0	18	31.6	20	35.1	10	17.5	5	8.8	4	7.0	0	0.0
Crowley	42	14	28	0	13	31.0	12	28.6	11	26.2	4	9.5	2	4.8	0	0.0
Custer	25	2	23	0	11	44.0	6	24.0	6	24.0	2	8.0	0	0.0	0	0.0
Delta	259	58	201	0	94	36.6	70	27.2	55	21.4	20	7.8	18	7.0	2	0.8
Denver	8,856	2,646	6,128	82	3,851	43.8	2,718	30.9	1,333	15.2	578	6.6	318	3.6	58	0.7
Dolores	29	5	23	1	11	37.9	10	34.5	5	17.2	2	6.9	1	3.4	0	0.0
Douglas	853	44	807	2	386	45.4	288	33.8	133	15.6	28	3.3	16	1.9	2	0.2
Eagle	370	20	348	2	170	46.8	130	35.8	42	11.6	15	4.1	6	1.7	7	1.9
Elbert	147	8	137	2	56	38.1	44	29.9	30	20.4	13	8.8	4	2.7	0	0.0
El Paso	7,642	1,007	6,618	17	3,282	43.2	2,552	33.6	1,169	15.4	380	5.0	222	2.9	37	0.5
Fremont	364	85	277	2	140	38.6	120	33.1	64	17.6	27	7.4	12	3.3	1	0.3
Garfield	424	47	375	2	169	40.1	152	36.1	75	17.8	11	2.6	14	3.3	3	0.7
Gilpin	58	7	48	3	25	45.5	21	38.2	7	12.7	0	0.0	2	3.6	3	5.2
Grand	122	18	102	2	54	45.0	37	30.8	15	12.5	10	8.3	4	3.3	2	1.6
Gunnison	126	8	117	1	61	48.8	43	34.4	17	13.6	2	1.6	2	1.6	1	0.8
Hinsdale	8	3	5	0	3	37.5	5	62.5	0	0.0	0	0.0	0	0.0	0	0.0
Huerfano	71	17	54	0	29	42.6	18	26.5	12	17.6	6	8.8	3	4.4	3	4.2
Jackson	20	2	18	0	3	15.0	8	40.0	5	25.0	4	20.0	0	0.0	0	0.0
Jefferson	6,551	691	5,828	32	2,809	43.1	2,288	35.1	964	14.8	313	4.8	141	2.2	36	0.5
Kiowa	25	1	24	0	11	44.0	10	40.0	3	12.0	0	0.0	1	4.0	0	0.0
Kit Carson	118	20	98	0	41	35.3	43	37.1	17	14.7	12	10.3	3	2.6	2	1.7
Lake	89	22	67	0	36	40.9	33	37.5	13	14.8	3	3.4	3	3.4	1	1.1
La Plata	486	72	410	4	218	45.3	147	30.6	71	14.8	22	4.6	23	4.8	5	1.0
Larimer	2,660	306	2,329	25	1,095	41.4	909	34.4	440	16.6	129	4.9	70	2.6	17	0.6
Las Animas	191	29	162	0	83	44.6	49	26.3	24	12.9	17	9.1	13	7.0	5	2.6
Lincoln	67	7	60	0	26	38.8	25	37.3	8	11.9	4	6.0	4	6.0	0	0.0
Logan	257	50	206	1	98	38.1	81	31.5	50	19.5	16	6.2	12	4.7	0	0.0
Mesa	1,176	232	943	1	409	35.0	441	37.7	225	19.2	66	5.6	29	2.5	6	0.5
Mineral	14	1	13	0	5	35.7	6	42.9	1	7.1	2	14.3	0	0.0	0	0.0
Moffat	184	34	149	1	61	33.3	73	39.9	34	18.6	14	7.7	1	0.5	1	0.5
Montezuma	319	58	249	12	111	34.9	110	34.6	61	19.2	19	6.0	17	5.3	1	0.3
Montrose	276	63	211	2	101	37.0	83	30.4	57	20.9	24	8.8	8	2.9	3	1.1
Morgan	349	109	239	1	109	32.2	123	36.4	66	19.5	29	8.6	11	3.3	11	3.2
Otero	334	87	247	0	114	34.2	123	36.9	60	18.0	23	6.9	13	3.9	1	0.3
Ouray	24	1	23	0	9	37.5	5	20.8	7	29.2	3	12.5	0	0.0	0	0.0
Park	95	7	88	0	34	35.8	38	40.0	16	16.8	3	3.2	4	4.2	0	0.0
Phillips	45	8	37	0	15	33.3	15	33.3	11	24.4	2	4.4	2	4.4	0	0.0
Pitkin	159	6	148	5	90	59.6	46	30.5	11	7.3	3	2.0	1	0.7	8	5.0
Prowers	245	67	177	1	100	41.2	82	33.7	33	13.6	16	6.6	12	4.9	2	0.8
Pueblo	1,780	390	1,384	6	677	38.3	606	34.3	308	17.4	115	6.5	60	3.4	14	0.8
Rio Blanco	96	13	83	0	35	36.5	38	39.6	16	16.7	3	3.1	4	4.2	0	0.0
Rio Grande	193	61	132	0	61	31.6	71	36.8	36	18.7	15	7.8	10	5.2	0	0.0
Routt	181	12	166	3	86	47.8	57	31.7	32	17.8	4	2.2	1	0.6	1	0.6
Saguache	87	30	56	1	29	33.3	32	36.8	17	19.5	9	10.3	0	0.0	0	0.0
San Juan	17	3	14	0	7	41.2	4	23.5	5	29.4	0	0.0	1	5.9	0	0.0
San Miguel	47	6	41	0	22	48.9	13	28.9	7	15.6	3	6.7	0	0.0	2	4.3

Place	Total Live Births	Mother's Education			Birth Order											
		<12 Yrs	12+ Yrs	Unk	First		Second		Third		Fourth		Fifth +		Not Stated	
					No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent
Sedgwick	31	4	27	0	13	41.9	12	38.7	3	9.7	2	6.5	1	3.2	0	0.0
Summit	188	6	182	0	93	51.4	62	34.3	20	11.0	4	2.2	2	1.1	7	3.7
Teller	191	17	173	1	82	43.9	53	28.3	30	16.0	12	6.4	10	5.3	4	2.1
Washington	75	12	62	1	22	30.6	30	41.7	16	22.2	4	5.6	0	0.0	3	4.0
Weld	2,143	573	1,562	8	848	40.0	702	33.1	346	16.3	134	6.3	91	4.3	22	1.0
Yuma	125	15	109	1	34	27.4	47	37.9	25	20.2	13	10.5	5	4.0	1	0.8
Planning and Management Regions																
PMR 1	882	198	680	4	291	33.6	308	35.5	171	19.7	66	7.6	31	3.6	15	1.7
2	4,803	879	3,891	33	1,943	40.8	1,611	33.8	786	16.5	263	5.5	161	3.4	39	0.8
3	31,027	5,379	25,362	286	13,119	42.8	10,361	33.8	4,702	15.3	1,663	5.4	811	2.6	371	1.2
4	7,928	1,031	6,879	18	3,398	43.1	2,643	33.5	1,215	15.4	395	5.0	236	3.0	41	0.5
5	369	37	330	2	134	36.5	128	34.9	64	17.4	29	7.9	12	3.3	2	0.5
6	785	199	584	2	284	36.3	273	34.9	136	17.4	55	7.0	34	4.3	3	0.4
7	1,780	390	1,384	6	677	38.3	606	34.3	308	17.4	115	6.5	60	3.4	14	0.8
8	761	178	579	4	256	33.7	242	31.9	148	19.5	63	8.3	50	6.6	2	0.3
9	939	149	771	19	377	40.5	302	32.4	159	17.1	51	5.5	43	4.6	7	0.7
10	740	139	598	3	290	39.6	219	29.9	143	19.5	52	7.1	28	3.8	8	1.1
11	1,880	326	1,550	4	674	36.0	704	37.6	350	18.7	94	5.0	48	2.6	10	0.5
12	1,040	64	964	12	496	48.9	340	33.5	125	12.3	40	3.9	14	1.4	25	2.4
13	607	130	475	2	227	37.6	207	34.3	106	17.6	42	7.0	21	3.5	4	0.7
14	262	46	216	0	112	44.1	67	26.4	36	14.2	23	9.1	16	6.3	8	3.1
Metro/Non-Metro																
Denver PMSA	27,587	5,066	22,355	166	11,737	42.8	9,235	33.7	4,228	15.4	1,510	5.5	725	2.6	152	0.6
Denver CMSA	30,838	5,356	25,200	282	13,038	42.8	10,293	33.8	4,675	15.3	1,659	5.4	805	2.6	368	1.2
Total Metro	45,063	7,632	37,093	338	18,940	42.5	15,062	33.8	6,938	15.6	2,417	5.4	1,248	2.8	458	1.0
Non-Metro	8,740	1,513	7,170	57	3,338	38.6	2,949	34.1	1,511	17.5	534	6.2	317	3.7	91	1.0
Five-Region Substate Groups																
Front Range	45,063	7,632	37,093	338	18,940	42.5	15,062	33.8	6,938	15.6	2,417	5.4	1,248	2.8	458	1.0
Western Slope	4,599	678	3,883	38	1,837	40.4	1,565	34.4	777	17.1	237	5.2	133	2.9	50	1.1
Eastern Plains	2,036	434	1,594	8	709	35.2	709	35.2	371	18.4	150	7.4	77	3.8	20	1.0
San Luis Valley	761	178	579	4	256	33.7	242	31.9	148	19.5	63	8.3	50	6.6	2	0.3
Eastern Mtns	1,344	223	1,114	7	536	40.5	433	32.7	215	16.2	84	6.3	57	4.3	19	1.4
Population-Based Regions																
1 Denver	8,856	2,646	6,128	82	3,851	43.8	2,718	30.9	1,333	15.2	578	6.6	318	3.6	58	0.7
2 Jefferson	6,551	691	5,828	32	2,809	43.1	2,288	35.1	964	14.8	313	4.8	141	2.2	36	0.5
3 Boulder	3,251	290	2,845	116	1,301	42.9	1,058	34.9	447	14.7	149	4.9	80	2.6	216	6.6
4 Adams	5,058	1,131	3,896	31	2,039	40.5	1,702	33.8	856	17.0	293	5.8	141	2.8	27	0.5
5 Arapahoe	6,269	554	5,696	19	2,652	42.5	2,239	35.9	942	15.1	298	4.8	109	1.7	29	0.5
6 El Paso	7,642	1,007	6,618	17	3,282	43.2	2,552	33.6	1,169	15.4	380	5.0	222	2.9	37	0.5
7 Larimer	2,660	306	2,329	25	1,095	41.4	909	34.4	440	16.6	129	4.9	70	2.6	17	0.6
8 Pueblo	1,780	390	1,384	6	677	38.3	606	34.3	308	17.4	115	6.5	60	3.4	14	0.8
9 Weld	2,143	573	1,562	8	848	40.0	702	33.1	346	16.3	134	6.3	91	4.3	22	1.0
10 Northwest	1,880	326	1,550	4	674	36.0	704	37.6	350	18.7	94	5.0	48	2.6	10	0.5
11 Western	1,780	203	1,562	15	786	45.0	559	32.0	268	15.3	92	5.3	42	2.4	33	1.9
12 Eastern	2,036	434	1,594	8	709	35.2	709	35.2	371	18.4	150	7.4	77	3.8	20	1.0
13 Central	1,935	221	1,705	9	810	42.1	654	34.0	312	16.2	89	4.6	57	3.0	13	0.7
14 Southern	1,962	373	1,566	23	745	38.3	611	31.4	343	17.6	137	7.0	109	5.6	17	0.9

Percentages for live-birth order are of live births with this information reported. Percentages for live-birth order not stated are of total live births.

Part Four. Spontaneous Fetal Deaths

Reported spontaneous fetal deaths totaled 2,588 in Colorado in 1987, up from 2,492 in 1986 but below counts for years between 1980 and 1985. Fetal deaths are reported in two ways in the state, as events of less than 20 weeks estimated gestation or 20 weeks gestation or greater. In 1987, 2,206 or 85.2 percent of all reported fetal deaths were less than 20 weeks. Fetal deaths aged 20 weeks or greater totaled 382.

Table 37 shows the number of spontaneous fetal deaths reported in Colorado between 1947 and 1987. Data are shown as available. Reporting requirements have varied over time, with all outcomes of pregnancy now reportable in the state. Reporting is assumed to be incomplete, especially among earlier gestations.

Gestations Less Than 20 Weeks - Colorado residents accounted for 2,173 of these fetal deaths in 1987, with 33 occurring to residents of other places. Unlike resident birth and death data, resident spontaneous fetal death (and induced abortion) data for Colorado are limited to those events taking place in the state.

Gestations 20 Weeks or Greater - Of the 382 fetal deaths aged 20 weeks or greater in 1987, 371 were to Colorado residents and 11 were to non-residents. The number of late fetal deaths reported for 1987 was the lowest since at least 1947. Counts generally have decreased since a high of 836 in 1970. The effects of underreporting from year to year are not known, even for those events later in the pregnancy.

Calculated Gestational Age - Reported spontaneous fetal deaths of 20 weeks or greater gestation by calculated gestation and age of women in 1987 appear in Table 38. Gestations are calculated according to an algorithm using the physician's estimate, date of fetal death, and date last normal menses began. Gestational ages could not be calculated for 50 of the total 382 events because of insufficient reporting.

Age of Women - Ratios of resident spontaneous fetal deaths to live births are highest among the oldest and youngest pregnant women. Between 1980 and 1987, ratios of fetal deaths of all gestations averaged highest among women aged 45-49 at 363.6 fetal deaths per 1,000 live births. For this age group, 1 spontaneous fetal death was reported for every 3 live births. Ratios were 144.1 for women aged 40-44, 80.6 for women aged 35-39, and 66.7 for teens aged 10-14. The lowest ratios were those of 45.8 for ages 20-24 and 47.3 for ages 15-19. Ratios averaged 48.4 among women aged 25-29 and 58.8 among those aged 30-34. Spontaneous fetal deaths by age of woman and race and Spanish origin of fetus are shown in Table 39.

Causes of Fetal Death - Fetal death certificates for events of 20 weeks gestation or greater contain entries similar to those in death certificates for cause of death. Causes of fetal death appear among categories of congenital anomalies and perinatal period conditions, International Classification of Disease (Ninth Revision), codes 740-779.

Table 40 shows causes of spontaneous fetal death of 20 or more weeks gestation occurring in Colorado in 1987. Specific causes were reported for 60 percent of these events. Of fetal deaths with cause of death reported, 212 had entries of perinatal period conditions and 20 had congenital anomalies mentioned.

Complications of placenta, cord, and membranes were mentioned for 96 fetal deaths, 41.4 percent of those with cause-of-death entries. Intrauterine hypoxia and birth asphyxia were noted for 35 fetal deaths. Entries for disorders relating to short gestation and unspecified low birth weight appeared for 31 fetal deaths, and 24 had entries for maternal complications of pregnancy, such as premature rupture of membranes.

Numbers of spontaneous fetal deaths by county and region appear in Table 45 of the Pregnancy section of this report.

Table 37. Reported Spontaneous Fetal Deaths: Colorado Occurrence, 1947-1987

Year	<20 Weeks Gestation	20+ Weeks Gestation	Gestation Unknown or Not Stated	Total
1947	-	625	-	-
1948	-	552	-	-
1949	-	547	-	-
1950	-	527	-	-
1951	-	525	-	-
1952	-	579	-	-
1953	-	539	-	-
1954	-	-	-	1,833
1955	-	-	-	1,979
1956	-	-	-	1,989
1957	-	-	-	2,241
1958	-	-	-	2,485
1959	-	-	-	2,250
1960	-	-	-	2,249
1961	1,461	600	133	2,194
1962	1,573	575	194	2,342
1963	1,557	633	128	2,318
1964	1,501	523	138	2,162
1965	1,237	466	135	1,838
1966	1,169	402	96	1,667
1967	-	475	-	-
1968	1,963	598	664	3,225
1969	2,594	768	500	3,862
1970	-	836	-	-
1971	-	832	-	-
1972	-	604	-	-
1973	-	528	-	-
1974	-	566	-	-
1975	-	561	-	-
1976	-	582	-	-
1977	-	625	-	-
1978	-	571	-	-
1979	-	419	-	-
1980	2,376	420	0	2,796
1981	2,576	471	0	3,047
1982	2,586	498	0	3,084
1983	2,731	479	0	3,210
1984	2,561	449	0	3,010
1985	2,411	426	0	2,837
1986	2,108	384	0	2,492
1987	2,206	382	0	2,588

Data are presented as available. Figures for 1970, 1971, and 1973 are for Colorado resident occurrence events only. Underreporting must be considered in any use of these data.

Table 38. Reported Spontaneous Fetal Deaths (20+ Weeks) by Age of Women and Calculated Weeks Gestation: Colorado Occurrence, 1987

Calculated Weeks Gestation	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown/ Not Stated
Total	382	1	45	97	113	82	38	3	1	2
1-19	7	1	0	2	3	1	0	0	0	0
20-27	107	0	17	28	26	20	14	2	0	0
28-35	91	0	10	28	28	22	2	0	0	1
36-39	69	0	6	13	21	17	11	0	1	0
40+	58	0	3	13	22	11	8	0	0	1
Unknown/ Not Stated	50	0	9	13	13	11	3	1	0	0

Table 39. Reported Spontaneous Fetal Death by Age of Mother and Race and Spanish Origin of Fetus: Colorado Occurrence, 1987

	Total	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown/ Not Stated
<20 Weeks Gestation										
All Races	2,206	5	165	505	649	520	294	53	2	13
Total White	1,931	4	136	423	574	461	271	49	2	11
Anglo White	1,736	4	108	368	511	430	256	49	2	8
Spanish Surname	195	0	28	55	63	31	15	0	0	3
Total Non-White	188	0	21	60	51	37	16	1	0	2
Black	147	0	20	58	31	27	9	0	0	2
Native American	2	0	0	0	2	0	0	0	0	0
Asian and Other	39	0	1	2	18	10	7	1	0	0
Unknown/Not Stated	87	1	8	22	24	22	7	3	0	0
Non-Spanish Origin	899	2	59	176	291	221	118	23	2	7
Spanish Origin	129	0	18	37	35	25	13	1	0	0
Origin Not Stated	1,178	3	88	292	323	274	163	29	0	6
20+ Weeks Gestation										
All Races	382	1	45	97	113	82	38	3	1	2
Total White	328	0	31	85	94	78	34	3	1	2
Anglo White	264	0	21	61	84	63	30	3	1	1
Spanish Surname	64	0	10	24	10	15	4	0	0	1
Total Non-White	48	1	13	10	16	4	4	0	0	0
Black	37	1	10	9	11	3	3	0	0	0
Native American	6	0	2	1	2	1	0	0	0	0
Asian and Other	5	0	1	0	3	0	1	0	0	0
Unknown/Not Stated	6	0	1	2	3	0	0	0	0	0
Non-Spanish Origin	310	1	32	71	99	69	32	3	1	2
Spanish Origin	53	0	10	22	9	8	4	0	0	0
Origin Not Stated	19	0	3	4	5	5	2	0	0	0

Spanish origin is independent of race. Underreporting of spontaneous fetal deaths must be considered in any use of these data.

Table 40. Causes of Spontaneous Fetal Deaths (20+ Weeks) as Reported on Fetal Death Certificates: Colorado Occurrence, 1987

ICD9 Code	Description	Number
Total		382
740.0	Anencephalus	3
741.0	Spina bifida with hydrocephalus	1
742.1	Microcephalus	1
742.3	Congenital hydrocephalus	2
746.9	Unspecified anomalies of heart	3
747.2	Other anomalies of aorta	1
751.6	Anomalies of gallbladder, bile ducts and liver	1
756.7	Anomalies of abdominal wall	1
758.1	Patau's syndrome	1
758.2	Edward's syndrome	1
758.9	Conditions due to anomaly of unspecified chromosome	1
759.7	Multiple congenital anomalies, so described	3
759.9	Congenital anomaly, unspecified	1
760.0	Maternal hypertensive disorders	8
760.2	Maternal infections	2
760.5	Maternal injury	3
761.0	Incompetent cervix	4
761.1	Premature rupture of membranes	15
761.2	Oliohydramnios	2
761.7	Malpresentation before labour	1
761.8	Other maternal complications of pregnancy	2
762.0	Placenta praevia	2
762.1	Other forms of placental separation and haemorrhage	24
762.2	Other and unspecified morphological and functional abnormalities of placenta	14
762.3	Placental transfusion syndromes	3
762.5	other compression of umbilical cord	25
762.6	Other and unspecified conditions of umbilical cord	22
762.7	Chorioamnionitis	6
763.0	Breech delivery and extraction	1
764.0	``Light-for-dates'' without mention of fetal malnutrition	1
764.2	Fetal malnutrition without mention of ``light-for-dates''	1
764.9	Fetal growth retardation, unspecified	2
765.0	Extreme immaturity	24
765.1	Other preterm infants	7
767.0	Birth trauma - Subdural and cerebral haemorrhage	1
768.0	Fetal death from asphyxia or anoxia before onset of labour or at unspecified time	31
768.1	Fetal death from asphyxia or anoxia during labour	4
771.8	Other infection specific to perinatal period	1
775.0	Syndrome of ``infant of a diabetic mother''	1
778.0	Hydrops fetalis not due to isoimmunization	3
779.8	Other and ill-defined conditions originating in the perinatal period	2
	Unspecified	150

Overall underreporting of spontaneous fetal deaths and large numbers of fetal deaths with no cause of death mentioned should be considered in any use of these data.

Part Five. Induced Abortions

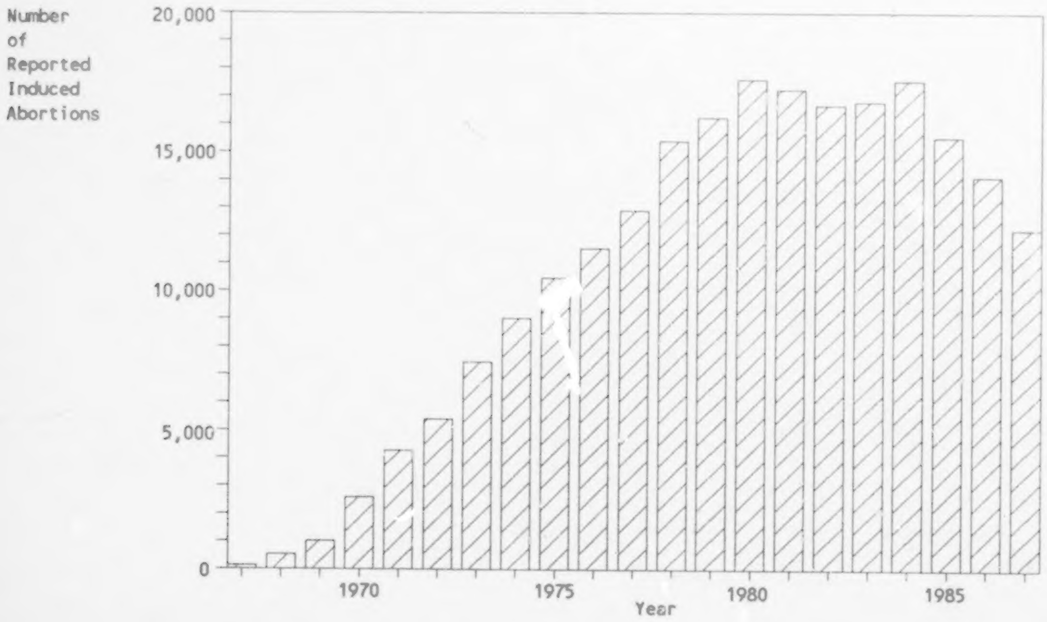
The number of induced abortions reported in Colorado fell to 12,232 in 1987, the lowest number since 1976. Reported induced abortions have decreased by 30.3 percent since 1984's high of 17,550. Figure 14 depicts numbers of reported induced abortions in Colorado between 1967 and 1987.

As with spontaneous fetal deaths, induced abortions are assumed to be underreported. An analysis of reporting of induced abortions was performed by the Health Statistics Section in 1987 based on data for 1985. At that time it was estimated counts were 30 percent underreported statewide. The completeness of reporting may not be constant over time or in different parts of the state. Underreporting must be considered in any use of reported induced abortion data. Table 41 presents a summary of statistics for reported induced abortions in Colorado between 1982 and 1987.

Residency - Non-residents of Colorado make up a larger percentage of women receiving induced abortions than of other pregnancy outcomes. In 1987, 11,361 women (92.9 percent) receiving induced abortions reported themselves to be Colorado residents, while 871 (7.1 percent) were non-residents. Non-residents included 237 women residing in New Mexico, 204 from Wyoming, 141 from Nebraska, 98 from South Dakota.

Age of Women - Women aged 20-24 make up the largest share of women receiving induced abortions in Colorado. In 1987, 3,840 or nearly one-third of abortions were to women in this age group. Teens aged 15-19 followed with 3,115 abortions, one-fourth of the total. In recent years procedures performed for women in their thirties have increased, as has their population. Figure 15 compares the age distribution of women receiving induced abortions in Colorado in 1980 and 1987.

Figure 14. Reported Induced Abortions: Colorado Occurrence, 1967-1987



The highest reported abortion ratios appear among teens and women in their forties. In 1987, teens aged 10-14 experienced a reported abortion ratio of 853.7 induced abortions per 1,000 live births. This means that there were 8 reported induced abortions for every 10 live births to teens in this age group. The ratio for ages 15-19 was 505.9, followed by ages 45-49 at 375.0 and 40-44 at 314.9. The lowest reported induced abortion ratios were those for women aged 30-34 at 127.5 and women aged 25-29 at 138.5. Ratios for ages 35-39 were 183.9 and those for women aged 20-24 were 250.8.

Number of Living Children - Six in ten women receiving induced abortions in Colorado in 1987 reported no living children. This percentage has decreased somewhat over time. In 1982, 66.9 percent of women providing this information reported no children. One in five abortions in 1987 were to women with 1 child, and 14.1 percent reported two children.

Calculated Weeks Gestation - Percent distribution of calculated weeks gestation has changed little over time in Colorado. In 1987, 37.8 percent were calculated to have gestations of 8 weeks or less. Gestations of 9 or 10 weeks accounted for 32.3 percent of procedures, followed by 16.0 percent at 11-12 weeks, 8.4 percent at 13-15 weeks, and 4.5 percent at 16-20 weeks. One percent of reported induced abortions had gestation calculated at over 20 weeks.

Previous Induced Abortions - Increasing proportions of women receiving induced abortions in Colorado report having had previous abortions. In 1987, 41.6 percent of reported Colorado induced abortions were to women with at least 1 prior abortion, up from 34.4 percent in 1982.

Facility Type - By 1987, clinics reported 86.0 percent of all induced abortions in the state. The percentage of reported induced abortions in clinics has increased since 1982, when 69.9 percent were in clinics. The change reflects decreases both in hospital-reported abortions, 7.0 percent in 1987, and doctors' offices, also with 7.0 percent.

Induced Abortions by County and Region

Table 42 shows reported induced abortions by county of occurrence in 1987. Table 43 shows reported induced abortions for Colorado residents by county and region in 1987. The next section on total reported pregnancies contains additional information on induced abortions.

Figure 15. Percent Distribution of Induced Abortions by Age of Women: Colorado Occurrence, 1980 and 1987

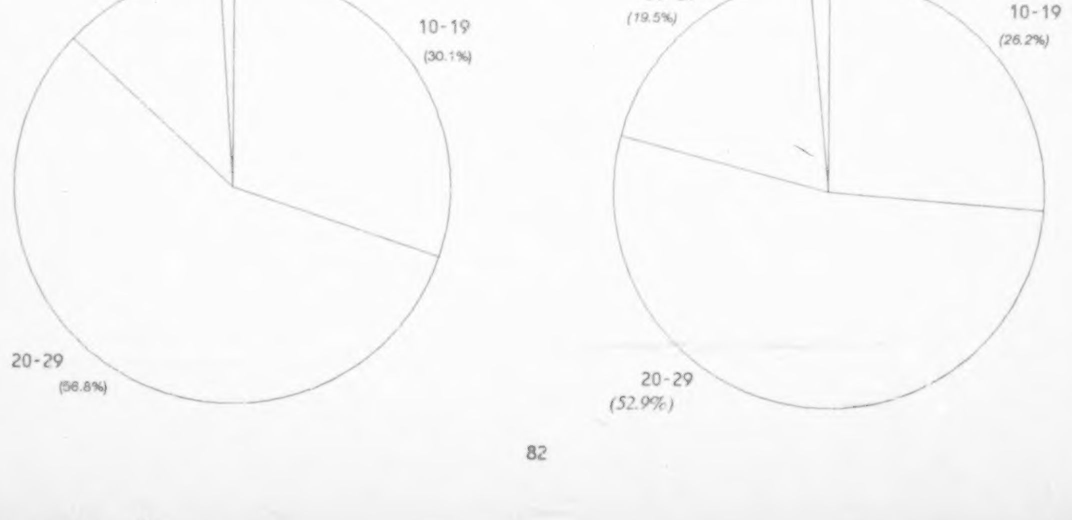


Table 41. Summary Characteristics of Reported Induced Terminations of Pregnancy: Colorado Occurrence, 1982-87

	1982	1983	1984	1985	1986	1987
Total	16,685	16,793	17,550	15,553	14,144	12,232
Colorado Resident	15,486	15,799	16,636	14,623	13,304	11,361
Non-Resident	1,189	981	907	924	838	871
Not Stated	10	13	7	6	2	0
Age						
<15	115	126	118	112	92	82
15-19	4,382	4,376	4,409	4,199	3,552	3,115
20-24	6,027	6,047	6,453	5,297	4,668	3,840
25-29	3,510	3,586	3,609	3,210	3,061	2,605
30-34	1,707	1,762	1,856	1,734	1,707	1,590
35-39	646	650	836	794	833	782
40-44	148	161	157	162	165	172
45+	19	11	18	16	5	7
Not Stated	131	74	94	29	60	39
Race						
Total White	10,622	10,826	11,039	9,445	8,386	7,270
Spanish Surname	1,279	1,315	1,591	1,233	1,017	890
Black	872	942	978	878	697	625
Other	418	388	417	445	435	368
Not Stated	4,773	4,637	5,116	4,785	4,626	3,969
Marital Status						
Married	3,440	3,339	3,836	3,398	3,106	2,524
Unmarried	12,531	12,706	12,986	12,038	10,675	9,503
Not Stated	714	748	728	117	363	205
Number of Children Now Living						
0	11,059	10,900	10,701	9,883	8,755	7,288
1	2,755	2,985	3,400	2,827	2,675	2,395
2	1,825	1,962	2,337	1,934	1,811	1,715
3	616	581	698	598	580	570
4+	266	271	342	256	249	211
Not Stated	164	94	72	55	74	53
Type of Procedure						
Suction Curettage	15,575	15,613	16,299	14,951	13,528	11,702
Sharp Curettage	63	50	43	42	28	17
Intra Saline Inst	37	18	6	3	1	4
Intra Prosta Inst	624	743	903	166	145	129
Hysterotomy/Hyster	11	10	5	8	2	5
Other	365	350	275	375	428	370
Not Stated	10	9	19	8	12	5

Table 41, Continued.

	1982	1983	1984	1985	1986	1987
Calculated Weeks of Gestation						
8 or Less	5,936	6,350	6,674	5,868	5,339	4,603
9-10	5,710	5,687	5,540	5,159	4,694	3,931
11-12	2,605	2,549	2,818	2,496	2,243	1,942
13-15	1,104	1,147	1,260	1,158	1,092	1,023
16-20	1,013	857	1,031	663	577	542
21+	130	140	132	119	131	128
Not Stated	187	63	95	90	68	63
Previous Induced Abortions						
0	11,004	10,856	10,950	9,684	8,498	7,073
1	4,062	4,175	4,570	4,019	3,814	3,450
2	1,065	1,208	1,364	1,215	1,140	1,088
3+	381	412	505	509	544	508
Not Stated	173	142	161	126	148	113
Facility Type						
Clinic	11,655	11,748	11,881	12,190	11,126	10,523
Hospital	2,481	2,271	2,837	1,171	1,040	853
Doctor's Office	2,549	2,774	2,832	2,190	1,978	856

Data are presented as reported. Overall underreporting and lack of reporting of specific data items must be considered in any use of these data.

Table 42. Reported Induced Abortions by County of Occurrence: Colorado, 1987

County	Number
Adams	118
Arapahoe	2,420
Boulder	2,827
Denver	3,615
El Paso	1,807
Garfield	4
Jefferson	7
La Plata	498
Larimer	5
Mesa	643
Morgan	68
Pitkin	14
Pueblo	9
Routt	97
Weld	98

Data are presented as reported. Underreporting must be considered in any use of these data.
No other county had more than 1 induced abortion reported in 1987.

Errata, Colorado Vital Statistics, 1987 This table replaces Table 43, pages 85-86.

Table 43. Reported Induced Abortions by Age Group of Patient by County and Region: Colorado Residents, 1987

County/Region	Total	Teens			Age of Patient								
		13-14	15-17	18-19	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
Colorado	11,361	68	1,230	1,621	70	2,851	3,573	2,458	1,479	729	159	6	36
Adams	890	9	115	133	9	248	300	180	100	44	8	0	1
Alamosa	28	0	3	8	0	11	9	4	3	1	0	0	0
Arapahoe	1,483	7	175	177	7	352	416	344	206	119	32	1	6
Archuleta	20	0	3	7	0	10	7	3	0	0	0	0	0
Baca	4	0	1	1	0	2	0	1	1	0	0	0	0
Bent	8	0	2	1	0	3	5	0	0	0	0	0	0
Boulder	1,420	1	107	187	1	294	494	295	207	106	19	0	4
Chaffee	10	0	0	3	0	3	4	1	0	2	0	0	0
Cheyenne	1	0	0	1	0	1	0	0	0	0	0	0	0
Clear Creek	31	0	3	10	0	13	6	5	3	2	2	0	0
Conejos	3	0	0	1	0	1	0	1	0	0	1	0	0
Costilla	1	0	1	0	0	1	0	0	0	0	0	0	0
Crowley	1	0	1	0	0	1	0	0	0	0	0	0	0
Custer	2	0	0	0	0	0	0	2	0	0	0	0	0
Delta	37	0	9	5	0	14	5	7	9	2	0	0	0
Denver	2,386	26	228	290	26	518	772	606	294	147	20	2	1
Dolores	1	0	0	0	0	0	0	0	1	0	0	0	0
Douglas	88	0	10	13	0	23	10	24	17	12	2	0	0
Eagle	50	0	2	7	0	9	17	12	8	2	1	0	1
Elbert	19	0	3	4	0	7	0	6	4	2	0	0	0
El Paso	1,371	9	148	173	9	321	465	297	174	77	21	0	7
Fremont	30	0	5	3	0	8	7	7	7	1	0	0	0
Garfield	91	0	9	13	0	22	22	19	20	6	1	0	1
Gilpin	7	0	1	1	0	2	0	2	3	0	0	0	0
Grand	37	1	4	2	1	6	15	9	3	3	0	0	0
Gunnison	33	0	1	5	0	6	10	9	6	1	1	0	0
Hinsdale	0	0	0	0	0	0	0	0	0	0	0	0	0
Huerfano	11	1	0	2	1	2	3	4	1	0	0	0	0
Jackson	1	0	0	0	0	0	1	0	0	0	0	0	0
Jefferson	1,433	2	180	240	2	420	431	282	181	93	19	3	2
Kiowa	1	0	1	0	0	1	0	0	0	0	0	0	0
Kit Carson	9	0	2	0	0	2	4	2	0	1	0	0	0
Lake	21	1	3	5	1	8	6	3	3	0	0	0	0
La Plata	173	1	16	27	1	43	55	28	26	16	4	0	0
Larimer	293	1	27	59	1	86	113	46	28	13	5	0	1
Las Animas	6	0	1	2	0	3	2	1	0	0	0	0	0
Lincoln	5	0	3	1	0	4	0	0	1	0	0	0	0
Logan	39	0	4	10	0	14	17	5	1	1	1	0	0
Mesa	272	0	44	42	0	86	77	58	31	11	3	0	6
Mineral	2	0	0	0	0	0	0	1	1	0	0	0	0
Moffat	22	0	3	4	0	7	6	3	5	1	0	0	0
Montezuma	46	0	9	8	0	17	11	6	7	4	1	0	0
Montrose	68	1	18	12	1	30	10	11	9	1	3	0	3
Morgan	45	0	6	6	0	12	12	12	8	1	0	0	0
Otero	30	3	3	3	3	6	11	6	1	2	1	0	0
Ouray	3	0	0	0	0	0	1	1	0	0	1	0	0
Park	13	0	0	0	0	0	2	4	3	3	1	0	0
Phillips	5	0	1	1	0	2	0	1	2	0	0	0	0
Pitkin	34	0	1	0	0	1	11	7	6	5	3	0	1
Prowers	27	0	5	4	0	9	10	6	1	1	0	0	0
Pueblo	203	1	22	42	2	64	77	37	12	8	2	0	1
Rio Blanco	14	0	0	5	0	5	3	3	3	0	0	0	0
Rio Grande	23	0	2	4	0	6	9	7	1	0	0	0	0
Routt	92	1	2	9	2	11	24	22	19	10	3	0	1
Saguache	4	0	1	0	0	1	0	1	2	0	0	0	0
San Juan	5	0	0	0	0	0	1	2	2	0	0	0	0
San Miguel	31	0	1	0	0	1	7	6	9	8	0	0	0

Table 43, Continued.

County/Region	Total		Teens					Age of Patient					
		13-14	15-17	18-19	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Not Stated
Sedgwick	3	0	1	2	0	3	0	0	0	0	0	0	0
Summit	47	0	2	7	0	9	15	12	8	3	0	0	0
Teller	38	1	7	3	1	10	4	5	12	6	0	0	0
Washington	8	0	4	3	0	7	1	0	0	0	0	0	0
Weld	270	2	28	72	2	100	84	40	29	11	4	0	0
Yuma	12	0	2	3	0	5	1	2	1	3	0	0	0
Planning and Management Regions													
PMR 1	112	0	18	25	0	43	31	20	12	5	1	0	0
2	563	3	55	131	3	186	197	86	57	24	9	0	1
3	7,738	45	819	1,051	45	[illegible]	2,429	1,738	1,011	523	102	6	14
4	1,422	10	155	176	10	331	471	306	189	86	22	0	7
5	34	0	8	6	0	14	4	8	5	3	0	0	0
6	71	3	13	9	3	22	26	13	3	3	1	0	0
7	203	1	22	42	2	64	77	37	12	8	2	0	1
8	61	0	7	13	0	20	18	14	7	1	1	0	0
9	245	1	28	42	1	70	74	39	36	20	5	0	0
10	172	1	29	22	1	51	33	34	33	12	5	0	3
11	399	0	56	64	0	120	108	83	59	18	4	0	7
12	261	2	11	25	3	36	83	62	44	23	7	0	3
13	63	1	8	11	1	19	17	13	10	3	0	0	0
14	17	1	1	4	1	5	5	5	1	0	0	0	0
Metro/Non-Metro													
Denver PMSA	6,280	44	708	853	44	1,561	1,929	1,436	798	415	81	6	10
Denver CMSA	7,700	45	815	1,040	45	1,855	2,423	1,731	1,005	521	100	6	14
Total Metro	9,837	58	1,040	1,386	59	2,426	3,162	2,151	1,248	630	132	6	23
Non-Metro	1,524	10	190	235	11	425	411	307	231	99	27	0	13
Five-Region Substate Groups													
Front Range	9,837	58	1,040	1,386	59	2,426	3,162	2,151	1,248	630	132	6	23
Western Slope	1,077	4	124	153	5	277	298	218	172	73	21	0	13
Eastern Plains	217	3	39	40	3	79	61	41	20	11	2	0	0
San Luis Valley	61	0	7	13	0	20	18	14	7	1	1	0	0
Eastern Mtns	169	3	20	29	3	49	34	34	32	14	3	0	0
Population-Based Regions													
1 Denver	2,386	26	228	290	26	518	772	606	294	147	20	2	1
2 Jefferson	1,433	2	180	240	2	420	431	282	181	93	19	3	2
3 Boulder	1,420	1	107	187	1	294	494	295	207	106	19	0	4
4 Adams	890	9	115	133	9	248	300	180	100	44	8	0	1
5 Arapahoe	1,483	7	175	177	7	352	416	344	206	119	32	1	6
6 El Paso	1,371	9	148	173	9	321	465	297	174	77	21	0	7
7 Larimer	293	1	27	59	1	86	113	46	28	13	5	0	1
8 Pueblo	203	1	22	42	2	64	77	37	12	8	2	0	1
9 Weld	270	2	28	72	2	100	84	40	29	11	4	0	0
10 Northwest Reg	399	0	56	64	0	120	108	83	59	18	4	0	7
11 Western Reg	433	3	40	47	4	87	116	96	77	35	12	0	6
12 Eastern Reg	217	3	39	40	3	79	61	41	20	11	2	0	0
13 Central Reg	240	2	27	38	2	67	39	53	48	26	5	0	0
14 Southern Reg	323	2	36	59	2	95	97	58	44	21	6	0	0

Counts are for reported induced abortions occurring to Colorado residents in Colorado. Underreporting of induced abortions must be taken into account in any use of these data. See inside back cover for explanation of regions.

Part Six. Reported Pregnancies

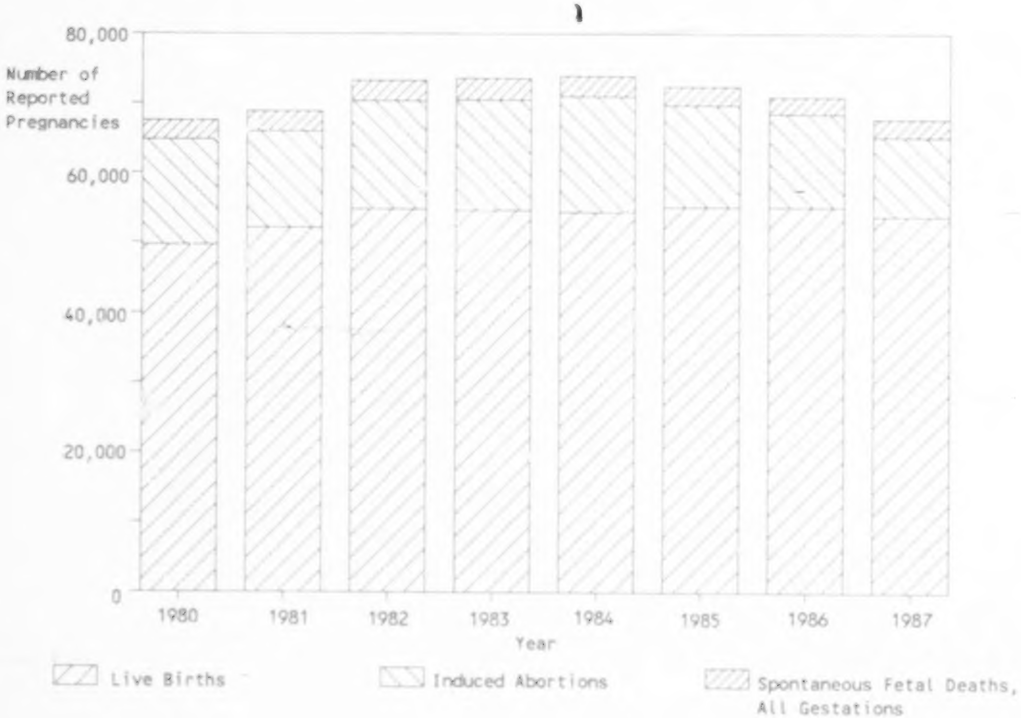
The total number of reported pregnancies to Colorado women decreased to 67,708 in 1987, the fewest since 1980. The number of pregnancies reported has fallen 8.4 percent since a high of 73,910 in 1984. Decreases in reported induced abortions since 1984 have most affected overall pregnancy statistics, although counts for all pregnancy outcomes were down in 1987 compared with earlier in the decade.

Figure 16 shows numbers of reported resident pregnancies by outcome between 1980 and 1987. As this figure shows, live births represent a growing proportion of pregnancy outcomes. In 1987, live births made up 8 in 10 reported pregnancies (79.5 percent), compared with 73.7 percent in 1980.

Decreases in reported pregnancies can be seen in the reported pregnancy rate for the state. A reported pregnancy rate expresses pregnancies per 1,000 women aged 15-44 years. Colorado's reported pregnancy rate fell by 13.6 percent between 1982 and 1987, from a rate of 93.5 to 80.8. Figure 17 shows reported pregnancy rates for Colorado between 1980 and 1987.

Reported pregnancy rates were lower in 1987 than 1980 for all age groups except among women in their late twenties and thirties. Table 44 presents reported pregnancies by outcome and age of women. Age-specific and reported pregnancy rates are included. Reported pregnancy rates by age of women for these years are shown in Figure 18.

Figure 16. Reported Pregnancies by Outcome: Colorado Residents, 1980-87



Reported Pregnancies by County and Region

Reported pregnancies by outcome and general fertility and reported pregnancy rates are shown in Table 45. The possibility of inconsistent reporting of spontaneous fetal deaths and induced abortions from county to county must be considered when comparing rates.

A complete discussion of reported pregnancy in Colorado appears in Reported Pregnancy in Colorado, 1980-1987, published in 1988 by the Health Statistics Section. Trends in teen pregnancy, fertility by race, effects of poverty on fertility rates, and rates by county and region are included in this report. Copies are available from the Health Statistics Section.

Figure 17. Reported Pregnancy Rates: Colorado Residents, 1980-1987

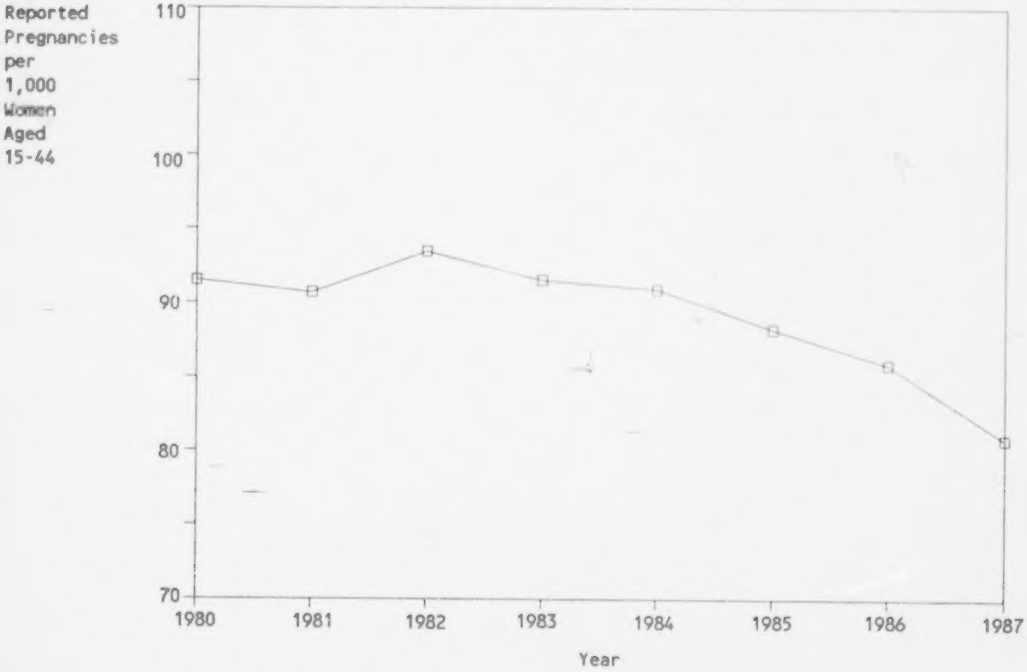


Figure 17. Reported Pregnancy Rates by Age of Women: Colorado Residents, 1980-87

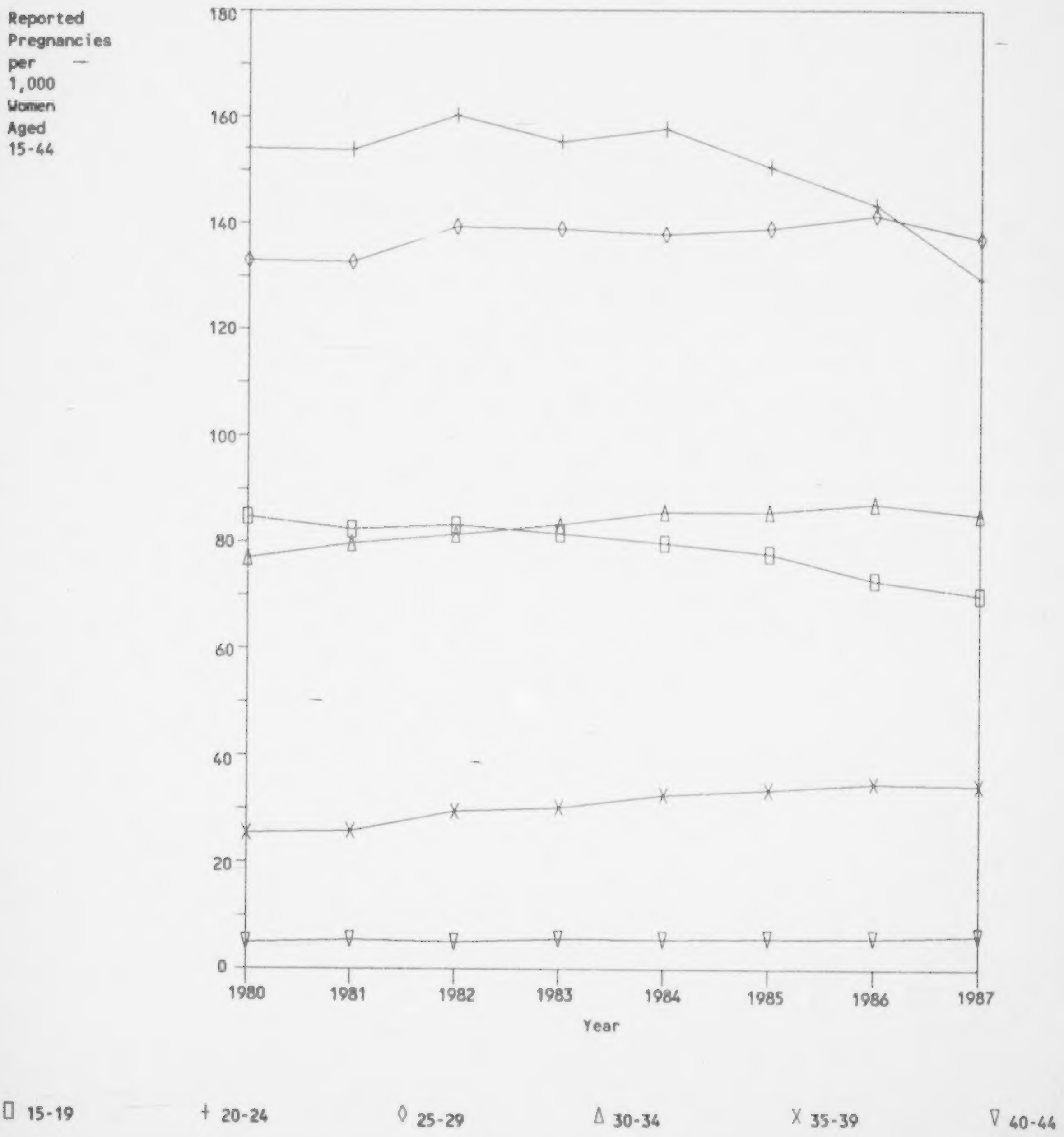


Table 44. Reported Pregnancies by Outcome and Age of Women with Selected Rates: Colorado Residents, 1980-87

Year/Age of Woman	Number of Women	Live Births	Spontaneous Fetal Deaths			Induced Abortions	Total Reported Pregnancies	Reported Pregnancy Rate	Fertility Rate
			<20 wks	20+ wks	Total				
1980									
All Ages	736,879	49,716	2,324	401	2,725	15,011	67,452	91.5	67.5
13-14	46,534	55	4	2	6	93	154	3.3	1.2
15-17	76,517	2,136	90	21	111	1,675	3,922	51.3	27.9
18-19	55,287	4,394	194	33	227	2,640	7,261	131.3	79.5
10-14	111,730	57	4	2	6	98	161	1.4	0.5
15-19	131,804	6,530	284	54	338	4,315	11,183	84.8	49.5
20-24	149,190	16,642	701	117	818	5,549	23,009	154.2	111.5
25-29	149,981	16,081	744	134	878	3,000	19,959	133.1	107.2
30-34	131,692	8,349	418	65	483	1,327	10,159	77.1	63.4
35-39	96,908	1,842	129	20	149	479	2,470	25.5	19.0
40-44	77,304	198	30	4	34	154	386	5.0	2.6
45-49	69,313	12	3	0	3	4	19	0.3	0.2
1981									
All Ages	759,033	52,104	2,490	457	2,947	13,800	68,851	90.7	68.6
13-14	46,179	76	1	0	1	94	171	3.7	1.6
15-17	75,758	2,064	87	23	110	1,444	3,618	47.8	27.2
18-19	55,041	4,523	212	45	257	2,383	7,163	130.1	82.2
10-14	111,204	77	2	0	2	102	181	1.6	0.7
15-19	130,799	6,587	299	68	367	3,827	10,781	82.4	50.4
20-24	150,620	17,137	739	133	872	5,165	23,174	153.9	113.8
25-29	153,782	16,807	740	143	883	2,712	20,402	132.7	109.3
30-34	138,801	9,170	503	75	578	1,326	11,074	79.8	66.1
35-39	104,294	2,045	154	28	182	461	2,688	25.8	19.6
40-44	80,737	266	39	5	44	133	443	5.5	3.3
45-49	70,513	11	5	0	5	11	27	0.4	0.2
1982									
All Ages	783,719	54,786	2,509	479	2,988	15,486	73,260	93.5	69.9
13-14	46,050	59	4	0	4	98	161	3.5	1.3
15-17	75,355	2,034	86	24	110	1,623	3,767	50.0	27.0
18-19	55,014	4,463	179	46	225	2,393	7,081	128.7	81.1
10-14	111,314	62	4	0	4	101	167	1.5	0.6
15-19	130,369	6,497	265	70	335	4,016	10,848	83.2	49.8
20-24	152,457	17,965	713	144	857	5,611	24,433	160.3	117.8
25-29	157,812	17,801	780	135	915	3,282	21,998	139.4	112.8
30-34	145,789	9,685	503	90	593	1,607	11,885	81.5	66.4
35-39	112,215	2,492	199	23	222	598	3,312	29.5	22.2
40-44	85,077	268	30	9	39	127	434	5.1	3.2
45-49	72,130	10	4	1	5	18	33	0.5	0.1
1983									
All Ages	803,555	54,644	2,660	462	3,122	15,799	73,565	91.5	68.0
13-14	45,767	80	7	0	7	104	191	4.2	1.7
15-17	74,666	2,012	82	25	107	1,650	3,769	50.5	26.9
18-19	54,554	4,165	148	36	184	2,438	6,787	124.4	76.3
10-14	111,196	81	7	0	7	109	197	1.8	0.7
15-19	129,220	6,177	230	61	291	4,088	10,556	81.7	47.8
20-24	152,204	17,088	724	128	852	5,701	23,641	155.3	112.3
25-29	160,222	17,893	844	137	981	3,392	22,266	139.0	111.7
30-34	151,802	10,304	590	85	675	1,672	12,651	83.3	67.9
35-39	120,072	2,766	216	40	256	614	3,636	30.3	23.0
40-44	90,035	319	34	6	40	149	508	5.6	3.5
45-49	74,107	10	4	0	4	7	21	0.3	0.1

Year/Age of Woman	Number of Women	Live Births	Spontaneous Fetal Deaths <20 wks	20+ wks	Total	Induced Abortions	Total Reported Pregnancies	Reported Pregnancy Rate	Fertility Rate
1984									
All Ages	812,640	54,339	2,501	434	2,935	16,636	73,910	91.0	66.9
13-14	45,279	65	6	0	6	104	175	3.9	1.4
15-17	73,510	1,856	80	14	94	1,705	3,655	49.7	25.2
18-19	53,453	3,868	151	51	202	2,422	6,492	121.5	72.4
10-14	110,613	66	7	0	7	109	182	1.6	0.6
15-19	126,963	5,724	231	65	296	4,127	10,147	79.9	45.1
20-24	148,872	16,541	684	107	791	6,154	23,486	157.8	111.1
25-29	159,082	17,655	724	126	850	3,432	21,937	137.9	111.0
30-34	155,490	10,879	568	103	671	1,776	13,326	85.7	70.0
35-39	127,062	3,121	215	26	241	784	4,146	32.6	24.6
40-44	95,171	334	44	4	48	147	529	5.6	3.5
45-49	76,189	11	4	1	5	13	29	0.4	0.1
1985									
All Ages	821,224	55,115	2,337	417	2,754	14,623	72,492	88.3	67.1
13-14	45,006	89	0	1	1	98	188	4.2	2.0
15-17	72,711	1,937	63	17	80	1,667	3,684	50.7	26.6
18-19	52,577	3,697	140	20	160	2,209	6,066	115.4	70.3
10-14	110,532	90	0	1	1	103	194	1.8	0.8
15-19	125,288	5,634	203	37	240	3,876	9,750	77.8	45.0
20-24	145,825	16,242	590	116	706	5,010	21,958	150.6	111.4
25-29	157,300	18,065	658	116	774	3,039	21,878	139.1	114.8
30-34	158,185	11,231	579	102	681	1,651	13,563	85.7	71.0
35-39	133,755	3,464	244	32	276	752	4,492	33.6	25.9
40-44	100,871	370	48	9	57	150	577	5.7	3.7
45-49	78,813	13	1	0	1	13	27	0.3	0.2
1986									
All Ages	825,307	55,142	2,053	371	2,424	13,304	70,870	85.9	66.8
13-14	44,812	82	2	0	2	83	167	3.7	1.8
15-17	72,110	1,953	64	15	79	1,529	3,561	49.4	27.1
18-19	51,871	3,609	111	22	133	1,737	5,479	105.6	69.6
10-14	110,543	83	3	0	3	85	171	1.5	0.8
15-19	123,981	5,562	175	37	212	3,266	9,040	72.9	44.9
20-24	142,933	15,546	455	83	538	4,425	20,509	143.5	108.8
25-29	153,548	18,078	621	122	743	2,904	21,725	141.5	117.7
30-34	158,677	11,634	507	95	602	1,616	13,852	87.3	73.3
35-39	139,417	3,824	212	29	241	784	4,849	34.8	27.4
40-44	106,751	404	59	4	63	159	626	5.9	3.8
45-49	81,935	8	4	0	4	4	16	0.2	0.1
1987									
All Ages	837,991	53,003	2,173	371	2,544	11,361	67,708	80.8	64.2
13-14	45,127	82	5	1	6	68	156	3.5	1.8
15-17	72,130	1,983	63	22	85	1,230	3,298	45.7	27.5
18-19	51,660	3,652	100	22	122	1,621	5,395	104.4	70.7
10-14	111,966	82	5	1	6	70	158	1.4	0.7
15-19	123,790	5,635	163	44	207	2,851	8,693	70.2	45.5
20-24	142,091	14,245	495	97	592	3,573	18,410	129.6	100.3
25-29	152,788	17,748	641	110	751	2,458	20,957	137.2	116.2
30-34	160,287	11,602	511	77	588	1,479	13,669	85.3	72.4
35-39	145,459	3,964	292	36	328	729	5,021	34.5	27.3
40-44	113,576	505	52	3	55	159	719	6.3	4.4
45-49	86,052	16	2	1	3	6	25	0.3	0.2

Reported pregnancy rate for all ages is total reported pregnancies per 1,000 women aged 15-44. Fertility rate for all ages is total live births per 1,000 women aged 15-44. Age-specific reported pregnancy and fertility rates are per 1,000 women in each age group. Populations for "all ages" are for ages 15-44. Populations figures used are 1986-based estimates and projections from the Demographic Section, Colorado Department of Local Affairs.

Table 45. Reported Pregnancies by Outcome and General Fertility and Reported Pregnancy Rates by County and Region: Colorado Residents, 1987

County/Region	Population of Women Aged 15-44	General Fertility Rate	Total Reported Pregnancies	Live Births	Fetal Deaths <20 Wks	Fetal Deaths 20+ Wks	Induced Abortions	Reported Pregnancy Rate
Colorado	837,991	64.2	67,708	53,803	371	2,173	11,361	80.8
Adams	70,211	72.0	6,135	5,058	34	153	890	87.4
Alamosa	3,109	87.8	306	273	3	2	28	98.4
Arapahoe	103,467	60.6	8,129	6,269	30	347	1,483	78.6
Archuleta	1,197	73.5	110	88	0	2	20	91.9
Baca	834	88.7	82	74	1	3	4	98.3
Bent	1,107	58.7	77	65	1	3	8	69.6
Boulder	59,813	54.4	4,757	3,251	16	70	1,420	79.5
Chaffee	2,679	48.2	149	129	4	6	10	55.6
Cheyenne	440	84.1	41	37	0	3	1	93.2
Clear Creek	1,918	68.3	166	131	1	3	31	86.5
Conejos	1,739	78.8	141	137	1	0	3	81.1
Costilla	693	82.3	58	57	0	0	1	83.7
Crowley	626	67.1	43	42	0	0	1	68.7
Custer	471	53.1	28	25	0	1	2	59.4
Delta	4,724	54.8	315	259	3	16	37	66.7
Denver	129,100	68.6	11,698	8,856	79	377	2,386	90.6
Dolores	295	98.3	32	29	0	2	1	108.5
Douglas	12,611	67.6	984	853	4	39	88	78.0
Eagle	5,752	64.3	428	370	3	5	50	74.4
Elbert	2,266	64.9	173	147	0	7	19	76.3
El Paso	96,211	79.4	9,436	7,642	50	373	1,371	98.1
Fremont	6,085	59.8	412	364	4	14	30	67.7
Garfield	6,346	66.8	555	424	4	36	91	87.5
Gilpin	707	82.0	67	58	0	2	7	94.8
Grand	2,702	45.2	167	122	2	6	37	61.8
Gunnison	3,497	36.0	161	126	2	0	33	46.0
Hinsdale	71	112.7	8	8	0	0	0	112.7
Huerfano	1,448	49.0	85	71	1	2	11	58.7
Jackson	338	59.2	22	20	0	1	1	65.1
Jefferson	109,843	59.6	8,292	6,551	36	272	1,433	75.5
Kiowa	281	89.0	26	25	0	0	1	92.5
Kit Carson	1,577	74.8	130	118	0	3	9	82.4
Lake	1,527	58.3	125	89	1	14	21	81.9
La Plata	8,011	60.7	667	486	7	1	173	83.3
Larimer	49,045	54.2	3,076	2,660	14	109	293	62.7
Las Animas	2,792	68.4	197	191	0	0	6	70.6
Lincoln	824	81.3	79	67	2	5	5	95.9
Logan	4,146	62.0	305	257	4	5	39	73.6
Mesa	20,572	57.2	1,477	1,176	9	20	272	71.8
Mineral	147	95.2	17	14	0	1	2	115.6
Moffat	2,799	65.7	226	184	1	19	22	80.7
Montezuma	3,793	84.1	404	319	2	37	46	106.5
Montrose	5,463	50.5	348	276	0	4	68	63.7
Morgan	4,616	75.6	403	349	3	6	45	87.3
Otero	4,573	73.0	379	334	2	13	30	82.9
Ouray	407	59.0	28	24	0	1	3	68.8
Park	1,579	60.2	116	95	0	8	13	73.5
Phillips	876	51.4	52	45	1	1	5	59.4
Pitkin	4,225	37.6	211	159	3	15	34	49.9
Prowers	2,955	82.9	291	245	0	19	27	98.5
Pueblo	29,538	60.3	2,041	1,780	16	42	203	69.1
Rio Blanco	1,233	77.9	113	96	0	3	14	91.6
Rio Grande	2,507	77.0	217	193	1	0	23	86.6
Routt	4,039	44.8	297	181	3	21	92	73.5
Saguache	793	109.7	91	87	0	0	4	114.8
San Juan	170	100.0	22	17	0	0	5	129.4
San Miguel	1,035	45.4	81	47	0	3	31	78.3

County/Region	Population of Women Aged 15-44	General Fertility Rate	Total Reported Pregnancies	Live Births	Fetal Deaths <20 Wks	Fetal Deaths 20+ Wks	Induced Abortions	Reported Pregnancy Rate
Sedgwick	529	58.6	34	31	0	0	3	64.3
Summit	4,553	41.3	237	188	0	2	47	52.1
Teller	2,895	66.0	239	191	2	8	38	82.6
Washington	949	79.0	86	75	0	3	8	90.6
Weld	36,448	58.8	2,497	2,143	20	64	270	68.5
Yuma	1,944	64.3	139	125	1	1	12	71.5
Planning and Management Regions								
PMR 1	13,060	67.5	1,019	882	9	16	112	78.0
2	85,493	56.2	5,573	4,803	34	173	563	65.2
3	487,670	63.6	40,228	31,027	200	1,263	7,738	82.5
4	100,685	78.7	9,791	7,928	52	389	1,422	97.2
5	5,107	72.3	423	369	2	18	34	82.8
6	10,376	75.7	898	785	4	38	71	86.5
7	29,538	60.3	2,041	1,780	16	42	203	69.1
8	8,988	84.7	830	761	5	3	61	92.3
9	13,466	69.7	1,235	939	9	42	245	91.7
10	15,197	48.7	941	740	5	24	172	61.9
11	30,950	60.7	2,371	1,880	14	78	399	76.6
12	21,609	48.1	1,362	1,040	11	50	261	63.0
13	10,762	56.4	714	607	9	35	63	66.3
14	4,240	61.8	282	262	1	2	17	66.5
Metro/Non-Metro								
Denver PMSA	425,232	64.9	35,238	27,587	183	1,188	6,230	82.9
Denver CMSA	485,045	63.6	39,995	30,838	199	1,258	7,700	82.5
Total Metro	696,287	64.7	57,045	45,063	299	1,846	9,837	81.9
Non-Metro	140,854	62.1	10,663	8,740	72	327	1,524	75.7
Five-Region Substate Groups								
Front Range	696,287	64.7	57,045	45,063	299	1,846	9,837	81.9
Western Slope	81,222	56.6	5,909	4,599	39	194	1,077	72.8
Eastern Plains	28,543	71.3	2,340	2,036	15	72	217	82.0
San Luis Valley	8,988	84.7	830	761	5	3	61	92.3
Eastern Mtns	22,101	60.8	1,584	1,344	13	58	169	71.7
Population-Based Regions								
1 Denver	129,100	68.6	11,698	8,856	79	377	2,386	90.6
2 Jefferson	109,843	59.6	8,292	6,551	36	272	1,433	75.5
3 Boulder	59,813	54.4	4,757	3,251	16	70	1,420	79.5
4 Adams	70,211	72.0	6,135	5,058	34	153	890	87.4
5 Arapahoe	103,467	60.6	8,129	6,269	30	347	1,483	78.6
6 El Paso	96,211	79.4	9,436	7,642	50	373	1,371	98.1
7 Larimer	49,045	54.2	3,076	2,660	14	109	293	62.7
8 Pueblo	29,538	60.3	2,041	1,780	16	42	203	69.1
9 Weld	36,448	58.8	2,497	2,143	20	64	270	68.5
10 Northwest Reg	30,950	60.7	2,371	1,880	14	78	399	76.6
11 Western Reg	36,806	48.4	2,303	1,780	16	74	433	62.6
12 Eastern Reg	28,543	71.3	2,340	2,036	15	72	217	82.0
13 Central Reg	30,472	63.5	2,286	1,935	16	95	240	75.0
14 Southern Reg	26,694	73.5	2,347	1,962	15	47	323	87.9

General fertility rate is total live births per 1,000 female population aged 15-44. Reported pregnancy rate is total reported pregnancies per 1,000 women aged 15-44. Underreporting of induced abortions and spontaneous fetal deaths must be considered in any use of these data. See inside back cover for explanation of regions.

Part Seven. Deaths

Numbers of Deaths

A total of 21,089 Colorado residents died in 1987, 1.5 percent more than the 20,768 resident deaths in 1986 and the largest number of deaths in the state's history. Of these resident deaths, 20,545 or 97.4 percent took place in Colorado, while the balance of 544 took place out of state. There were 1,020 non-resident deaths in Colorado in 1987, for a total of 21,565 deaths actually occurring in the state. Unless otherwise noted, death statistics in this report are based on resident deaths. Increases in the number of deaths reflect both growth and aging of the population. As the population continues to age, further increases in the number of deaths also should be expected.

Crude Death Rates

Despite an increase in the number of deaths to Colorado residents in 1987, the crude death rate was virtually unchanged at 6.3 deaths per 1,000 population. The state's death rate was 6.4 in 1986 and has ranged between 6.2 and 6.5 in each year since 1979.

Colorado's death rate continued to be lower than that for the United States, which stood at 8.7 in 1987, the same rate as in 1985 and 1986. Colorado and U.S. death rates for selected years between 1910 and 1987 appear in Table 46. Figure 19 depicts trends in crude death rates for the state and nation between 1960 and 1987. While Colorado's population has been aging in recent years, it is still younger than that for the nation, accounting for part of the discrepancy in rates.

The steady decline in crude death rates that has been a hallmark of vital statistics throughout the century appears to have stalled. This presumably reflects the aging in the population, which counters improvements in longevity.

Deaths by Age and Sex

The median age at death for Colorado residents reached a high of 74.2 years in 1987. In 1986, the median age was 73.7 years. The female median age at death of 78.1 years was 10.8 percent higher than the median of 70.5 years for males in 1987. This difference between mortality of males and females is characteristic of death statistics in general and is evident among all age and race groups. Figure 20 presents crude death rates by sex for Colorado between 1970 and 1987.

Ages of Coloradans dying in 1987 ranged to 106 years of age. Seven out of ten decedents were aged 65 years and older. With lower life expectancies among men than women, a higher percent of male deaths were younger than age 65. In 1987, 38.0 percent of Colorado males dying were under 65 years of age, compared with 23.3 percent of females. Table 47 shows Colorado resident deaths by age group and sex for the years 1970 through 1987.

Higher death rates among males of all ages are evidenced in Table 48, which shows death rates by age and sex between 1970 and 1987. Death rates for both sexes drop sharply after infancy and slowly increase for each succeeding age group. Death rates for all age-and-sex groups in the state have declined since the early 1970's.

Declines in death rates also have occurred among all age groups in the United States since 1970. Figure 21 compares age-specific death rates for Colorado and the United States between 1970 and 1987. As this series of graphs clearly shows, rates for Colorado have averaged lower than those for the country for all age groups except ages 15-24 and 85 and older. Among these two age groups, Colorado rates have been comparable to U.S. rates.

Table 46. Deaths and Death Rates: Colorado Residents and United States, Selected Years, 1910-1987

Year	Colorado Population	Colorado		U.S.
		Number	Rate	Rate
1910	799,024	11,053	13.8	14.7
1920	939,629	13,569	14.4	13.0
1930	1,035,791	13,191	12.7	11.3
1940	1,123,296	12,181	10.8	10.8
1950	1,325,089	12,222	9.2	9.6
1960	1,753,947	15,351	8.8	9.5
1961	1,840,000	15,128	8.2	9.3
1962	1,900,000	15,992	8.4	9.5
1963	1,940,000	16,106	8.3	9.6
1964	1,970,000	16,400	8.3	9.4
1965	1,990,000	16,206	8.1	9.4
1966	2,010,000	16,325	8.1	9.5
1967	2,050,000	16,321	8.0	9.4
1968	2,120,000	17,705	8.4	9.7
1969	2,170,000	17,081	7.9	9.5
1970	2,228,340	17,439	7.8	9.5
1971	2,303,608	17,892	7.8	9.3
1972	2,404,715	17,856	7.4	9.4
1973	2,495,942	18,633	7.5	9.3
1974	2,541,424	17,851	7.0	9.1
1975	2,586,243	17,401	6.7	8.8
1976	2,632,370	17,966	6.8	8.8
1977	2,696,179	17,875	6.6	8.6
1978	2,766,843	18,325	6.6	8.7
1979	2,849,298	18,408	6.5	8.5
1980	2,908,277	18,927	6.5	8.8
1981	2,983,899	19,360	6.5	8.6
1982	3,071,649	19,638	6.4	8.5
1983	3,148,497	19,531	6.2	8.6
1984	3,189,667	20,356	6.4	8.6
1985	3,234,363	20,234	6.3	8.7
1986	3,267,129	20,768	6.4	8.7
1987	3,331,230	21,089	6.3	8.7

Rates are per 1,000 population. U.S. data are from the National Center for Health Statistics and are provisional for 1987. See technical notes for explanation of population figures.

Figure 19. Death Rates: Colorado Residents and United States, 1960-1987

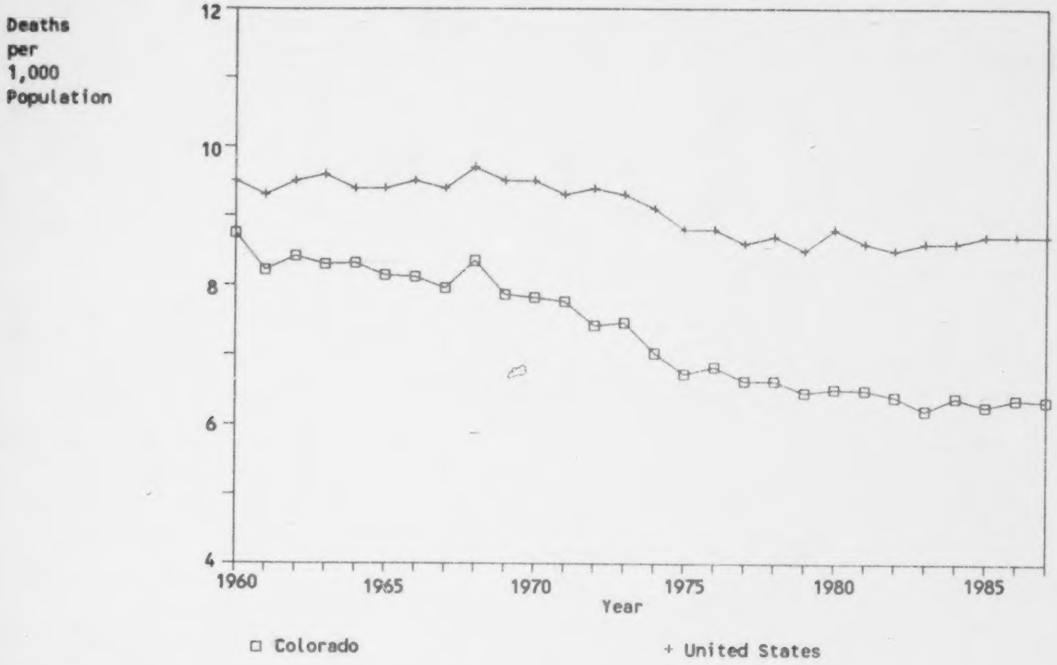


Figure 20. Death Rates by Sex: Colorado Residents, 1970-1987

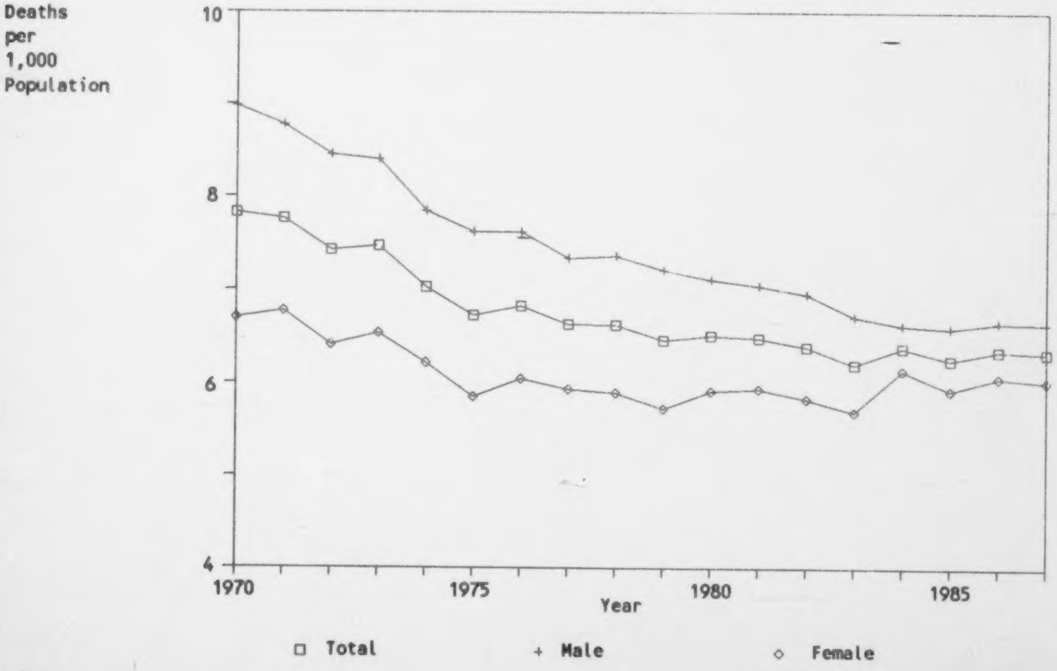


Table 47. Deaths by Age and Sex: Colorado Residents, 1970-1987

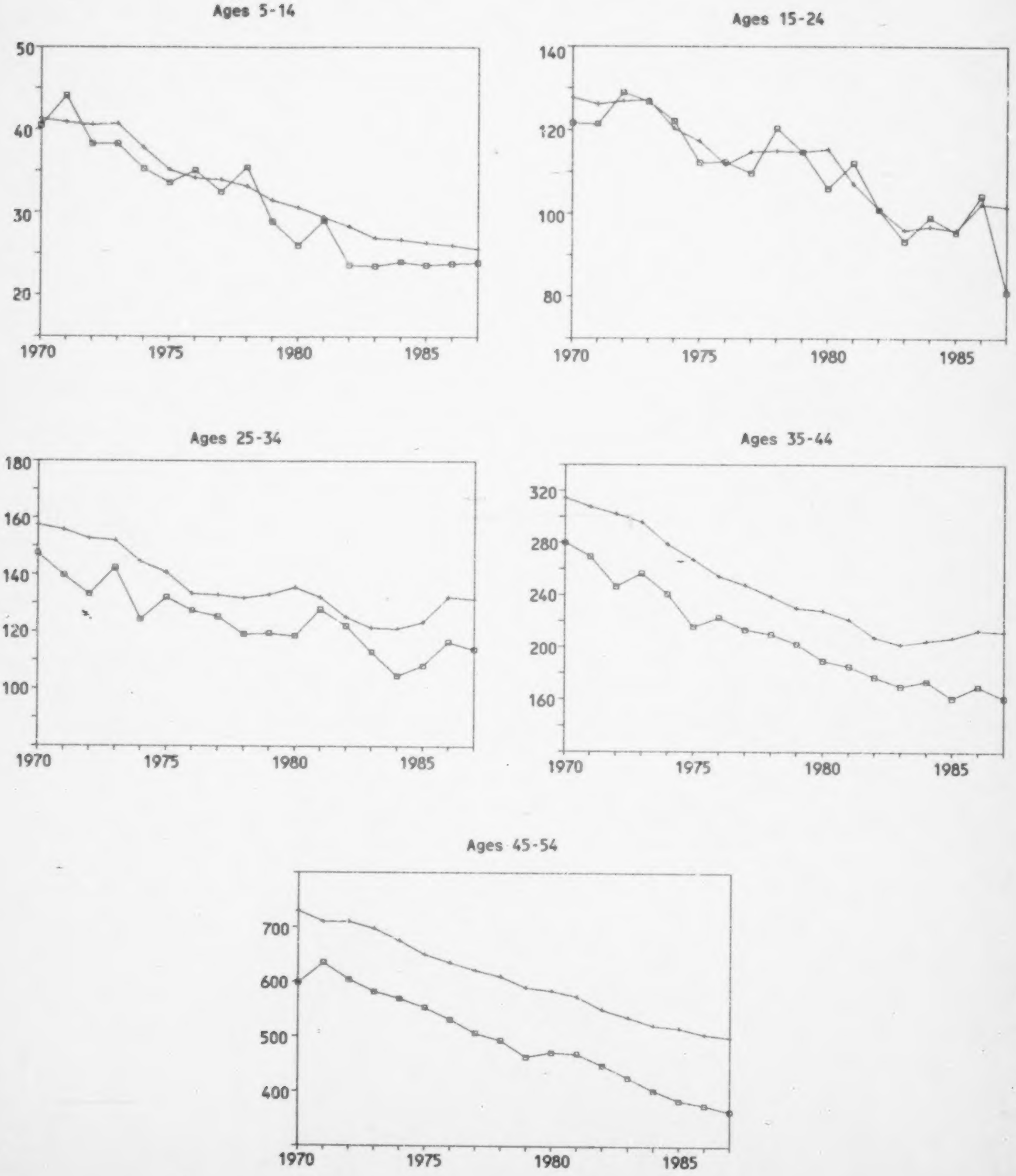
Year	Total	<5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unknown
Total														
1970	17,440	960	92	94	249	272	438	719	1,412	2,519	3,448	4,558	2,678	1
1971	17,891	875	92	111	262	293	445	701	1,534	2,467	3,617	4,613	2,881	0
1972	17,855	794	80	98	296	322	476	662	1,511	2,551	3,607	4,535	2,923	0
1973	18,636	760	85	94	260	378	557	711	1,500	2,571	3,737	4,877	3,105	1
1974	17,861	723	74	89	271	360	518	676	1,475	2,536	3,614	4,475	3,050	0
1975	17,401	660	71	83	242	352	581	615	1,440	2,472	3,661	4,237	2,987	0
1976	17,966	648	70	89	256	350	594	650	1,389	2,486	3,686	4,517	3,228	3
1977	17,875	621	67	79	269	334	620	647	1,334	2,511	3,699	4,434	3,258	2
1978	18,325	600	68	90	282	393	619	674	1,313	2,525	3,794	4,489	3,475	3
1979	18,408	616	51	77	255	399	658	684	1,249	2,519	3,744	4,580	3,575	1
1980	18,927	595	55	60	247	362	680	662	1,285	2,598	3,957	4,622	3,804	0
1981	19,360	616	50	79	237	409	762	688	1,291	2,627	3,987	4,702	3,912	0
1982	19,638	617	42	64	221	364	757	703	1,251	2,622	4,118	4,822	4,057	0
1983	19,531	657	46	61	215	324	720	720	1,208	2,633	4,189	4,805	3,952	1
1984	20,356	661	45	65	233	328	672	779	1,161	2,614	4,224	5,085	4,489	0
1985	20,234	622	58	51	191	341	697	762	1,132	2,636	4,165	5,199	4,379	1
1986	20,768	576	54	57	242	331	743	844	1,136	2,677	4,362	5,287	4,459	0
1987	21,089	625	63	51	173	271	729	842	1,141	2,638	4,435	5,455	4,666	0
Male														
1970	9,885	557	59	61	167	195	296	463	898	1,633	2,137	2,346	1,072	1
1971	10,005	512	57	76	173	202	322	446	994	1,617	2,131	2,303	1,172	0
1972	10,082	485	53	61	208	241	330	428	962	1,676	2,189	2,270	1,179	0
1973	10,422	435	55	63	198	292	398	437	948	1,654	2,292	2,447	1,203	0
1974	9,907	414	44	58	201	280	370	444	914	1,632	2,200	2,165	1,185	0
1975	9,788	374	40	47	167	263	415	414	925	1,575	2,248	2,140	1,180	0
1976	9,970	380	41	61	185	271	408	401	897	1,539	2,277	2,272	1,237	1
1977	9,833	348	37	43	187	238	431	427	821	1,609	2,265	2,236	1,190	1
1978	10,122	327	34	61	192	303	433	403	852	1,626	2,338	2,275	1,277	1
1979	10,203	330	30	51	179	308	491	468	782	1,620	2,302	2,289	1,352	1
1980	10,266	345	40	39	166	271	476	414	800	1,654	2,377	2,299	1,385	0
1981	10,444	343	28	42	152	309	563	429	767	1,635	2,419	2,385	1,372	0
1982	10,629	365	24	48	160	252	573	474	784	1,622	2,457	2,400	1,470	0
1983	10,519	395	27	38	157	241	521	456	736	1,616	2,493	2,413	1,426	0
1984	10,516	369	27	34	170	240	479	499	728	1,560	2,452	2,495	1,463	0
1985	10,609	355	27	34	138	253	515	493	694	1,660	2,439	2,538	1,462	1
1986	10,815	337	32	44	176	258	552	538	683	1,619	2,523	2,582	1,471	0
1987	11,016	369	36	39	117	218	508	542	709	1,652	2,524	2,730	1,572	0
Female														
1970	7,555	403	33	33	82	77	142	256	514	886	1,311	2,212	1,606	0
1971	7,882	359	35	35	89	91	123	255	540	850	1,486	2,310	1,709	0
1972	7,770	306	27	37	88	81	146	234	549	875	1,418	2,265	1,744	0
1973	8,213	325	30	31	62	86	159	274	552	917	1,445	2,430	1,902	0
1974	7,954	309	30	31	70	80	148	232	561	904	1,414	2,310	1,865	0
1975	7,611	285	31	36	75	89	166	201	515	897	1,413	2,097	1,806	0
1976	7,996	268	29	28	71	79	186	249	492	947	1,409	2,245	1,991	2
1977	8,042	273	30	36	82	96	189	220	513	902	1,434	2,198	2,068	1
1978	8,202	272	34	29	90	90	186	271	461	899	1,456	2,214	2,198	2
1979	8,205	286	21	26	76	91	167	216	467	899	1,442	2,291	2,223	0
1980	8,660	249	15	21	81	91	204	248	485	944	1,580	2,323	2,419	0
1981	8,916	273	22	37	85	100	199	259	524	992	1,568	2,317	2,540	0
1982	9,009	252	18	16	61	112	184	229	467	1,000	1,661	2,422	2,587	0
1983	9,012	262	19	23	58	83	199	264	472	1,017	1,696	2,392	2,526	1
1984	9,840	292	18	31	63	88	193	280	433	1,054	1,772	2,590	3,026	0
1985	9,625	267	31	17	53	88	182	269	438	976	1,726	2,661	2,917	0
1986	9,953	239	22	13	66	73	191	306	453	1,058	1,839	2,705	2,988	0
1987	10,073	256	27	12	56	53	221	300	432	986	1,911	2,725	3,094	0

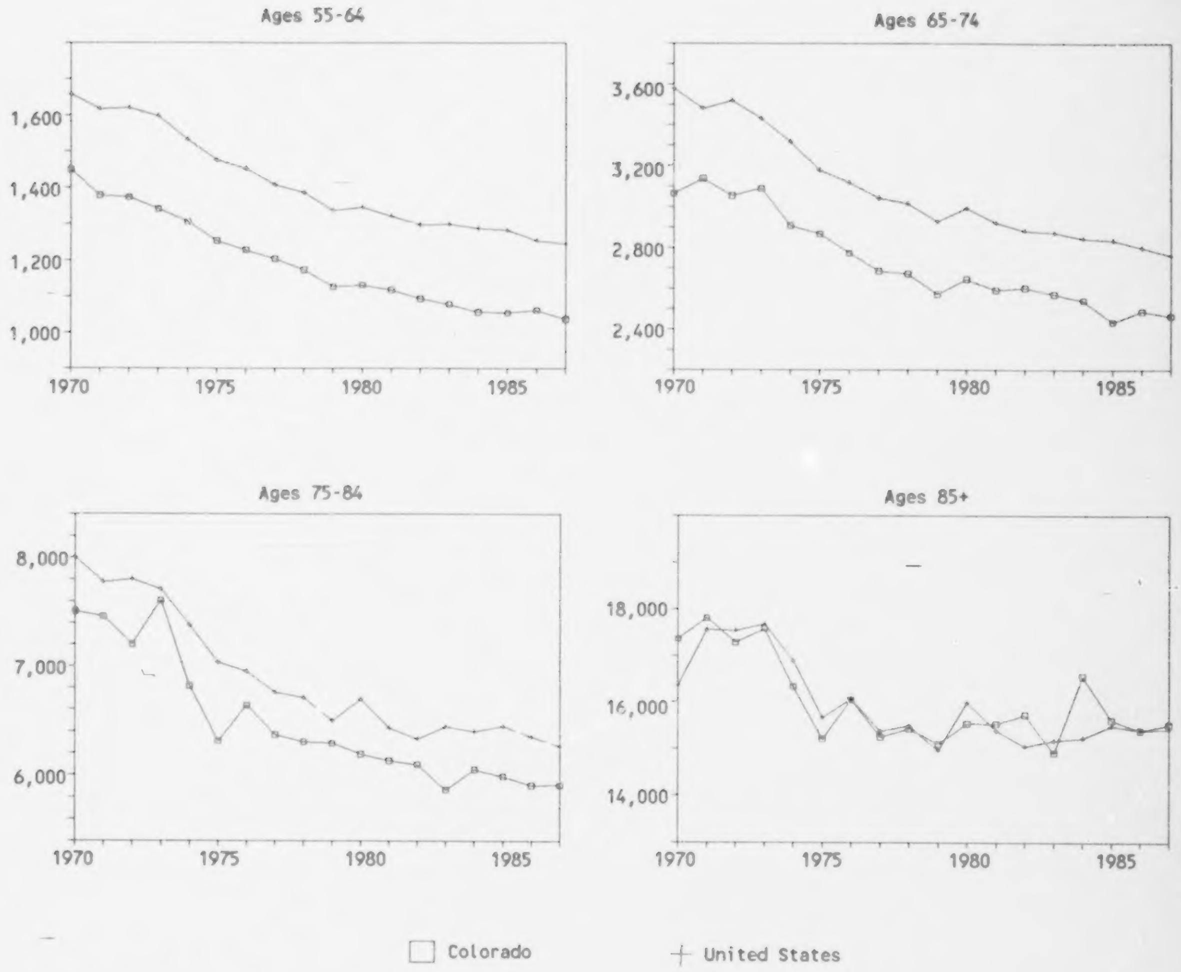
Table 48. Death Rates by Age and Sex: Colorado Residents, 1970-1987

Year	Total	<5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Total													
1970	782.6	510.9	41.0	40.0	113.1	130.6	147.4	280.0	598.2	1,449.7	3,065.4	7,507.3	17,356.9
1971	776.7	451.9	41.8	46.2	114.3	128.6	139.7	269.1	635.2	1,379.4	3,138.0	7,458.1	17,810.3
1972	742.5	397.7	36.6	39.8	122.6	135.2	133.1	246.2	604.2	1,374.0	3,055.8	7,202.1	17,283.6
1973	746.7	372.9	39.2	37.4	103.0	150.4	142.3	256.3	582.1	1,341.9	3,092.1	7,607.9	17,583.1
1974	702.8	356.8	35.0	35.5	105.4	138.6	124.3	240.3	568.9	1,306.5	2,908.9	6,816.2	16,325.9
1975	672.8	328.1	33.8	33.5	92.8	131.1	132.0	215.4	552.6	1,254.1	2,868.9	6,310.8	15,203.3
1976	682.5	331.0	33.0	37.0	97.0	126.9	127.4	222.4	530.5	1,229.3	2,774.7	6,637.6	16,043.7
1977	663.0	313.7	31.3	33.5	101.1	117.6	125.4	213.2	506.1	1,204.4	2,686.5	6,364.9	15,248.5
1978	662.3	295.2	31.7	39.0	105.2	134.3	119.2	209.9	493.0	1,173.4	2,672.8	6,301.6	15,419.8
1979	646.1	290.8	23.7	33.7	94.2	133.1	119.6	202.3	462.5	1,126.6	2,572.9	6,290.3	15,097.1
1980	650.8	273.1	25.6	26.4	91.4	118.9	118.6	189.5	471.4	1,131.1	2,647.0	6,188.2	15,531.6
1981	648.8	268.5	23.0	34.8	88.3	132.8	127.8	185.2	468.7	1,117.7	2,592.8	6,129.3	15,530.6
1982	639.3	254.0	18.9	28.1	82.6	116.5	122.2	177.1	448.0	1,093.0	2,604.1	6,093.6	15,722.4
1983	620.3	257.8	20.2	26.8	81.0	103.7	112.9	170.1	425.6	1,077.9	2,571.8	5,865.6	14,900.3
1984	638.2	253.7	19.4	28.7	89.2	107.3	104.6	173.8	402.2	1,056.4	2,542.6	6,051.0	16,551.1
1985	625.6	234.3	24.6	22.5	74.1	113.8	108.1	160.9	383.9	1,054.4	2,436.4	5,988.7	15,610.3
1986	635.7	214.7	22.6	25.1	94.7	112.7	116.5	169.9	375.3	1,061.9	2,488.7	5,906.4	15,386.5
1987	633.1	229.1	25.6	22.2	67.7	92.7	113.8	160.9	363.9	1,037.1	2,465.6	5,909.8	15,508.4
Male													
1970	898.4	581.3	51.6	50.9	149.4	184.0	201.7	365.2	774.1	1,957.5	4,292.2	9,660.3	19,105.3
1971	877.5	518.0	50.9	62.1	148.2	172.7	203.0	345.3	838.2	1,885.2	4,172.1	9,459.8	20,432.4
1972	845.2	475.5	47.6	48.7	168.8	195.1	184.3	319.9	783.6	1,883.7	4,179.9	9,301.0	20,122.9
1973	840.7	417.6	49.8	49.4	153.4	223.4	202.2	315.7	749.5	1,802.3	4,270.2	10,000.8	20,093.5
1974	784.7	399.4	40.8	45.6	152.8	207.4	176.1	315.7	717.9	1,756.0	3,990.1	8,717.9	19,097.5
1975	761.7	363.2	37.4	37.3	125.1	188.7	186.5	289.6	722.6	1,668.5	3,973.5	8,502.2	18,506.9
1976	761.7	379.1	37.8	49.9	136.8	188.9	172.5	273.6	696.5	1,589.7	3,890.7	8,859.4	19,133.8
1977	733.8	343.2	33.9	35.9	137.0	162.2	171.7	280.6	632.5	1,613.0	3,726.7	8,539.9	17,653.2
1978	736.1	314.0	31.0	52.0	139.7	200.8	164.0	250.1	648.5	1,579.2	3,740.3	8,521.9	18,232.4
1979	721.0	304.0	27.3	43.9	129.0	200.5	175.5	276.0	586.3	1,514.6	3,590.9	8,413.9	18,710.2
1980	711.2	309.0	36.5	33.6	119.9	174.5	163.3	236.5	593.5	1,505.5	3,606.1	8,258.5	18,820.5
1981	704.7	291.6	25.2	36.3	110.5	196.3	185.5	230.0	562.8	1,458.4	3,560.2	8,289.6	18,588.3
1982	696.0	293.0	21.1	41.3	116.5	157.5	181.3	237.5	567.2	1,421.2	3,508.3	8,054.8	19,784.7
1983	671.6	302.3	23.2	32.7	115.3	150.4	160.0	213.8	523.8	1,393.7	3,447.2	7,801.7	18,842.5
1984	662.6	276.2	22.8	29.3	126.8	153.0	146.0	220.8	508.9	1,329.1	3,317.0	7,850.4	18,970.4
1985	659.2	260.7	22.4	29.2	104.0	164.5	156.5	206.3	474.4	1,399.9	3,199.7	7,718.0	18,346.1
1986	665.2	244.9	26.1	37.8	133.7	171.1	169.6	214.6	454.4	1,352.0	3,223.3	7,597.0	17,843.3
1987	664.2	263.7	28.6	33.0	88.8	145.0	155.1	205.1	455.1	1,366.3	3,142.6	7,780.9	18,330.2
Female													
1970	669.7	437.7	30.0	28.6	75.7	75.2	94.3	197.0	428.2	980.8	2,091.1	6,072.1	16,357.7
1971	677.5	378.7	32.4	29.7	79.2	82.1	76.9	194.2	439.3	913.3	2,315.1	6,158.9	16,369.7
1972	641.2	313.3	25.1	30.5	74.5	70.6	81.8	173.2	431.2	905.0	2,159.3	5,873.7	15,778.5
1973	653.8	326.1	28.2	25.1	50.3	71.3	81.7	197.1	420.7	918.6	2,150.8	6,130.8	16,295.4
1974	621.9	312.2	28.9	25.2	55.8	64.1	71.7	164.9	425.1	893.5	2,046.3	5,659.3	14,947.5
1975	584.9	290.3	30.1	29.5	58.9	68.9	76.3	141.0	388.4	873.3	1,989.1	4,996.5	13,608.6
1976	604.2	280.4	27.9	23.6	55.2	59.7	80.9	170.9	369.8	898.3	1,895.9	5,293.9	14,580.7
1977	593.0	282.7	28.7	31.1	63.2	70.0	77.6	145.4	383.5	829.6	1,864.4	5,055.2	14,140.2
1978	589.3	274.4	32.4	25.6	68.9	63.5	72.8	169.4	341.6	801.0	1,832.8	4,970.8	14,151.4
1979	572.1	276.9	20.0	23.2	57.7	62.2	61.7	128.1	341.7	770.8	1,771.2	5,023.6	13,510.4
1980	591.2	234.4	14.3	18.8	61.5	61.0	72.4	142.4	352.0	787.9	1,890.7	4,958.7	14,122.2
1981	593.7	244.2	20.7	33.3	65.0	66.4	68.0	140.0	376.6	807.1	1,827.1	4,833.2	14,265.7
1982	583.3	212.9	16.6	14.4	46.8	73.5	60.6	116.1	331.2	795.2	1,885.6	4,909.6	14,082.0
1983	569.6	211.1	17.1	20.7	44.9	54.5	63.8	125.7	329.3	792.5	1,872.9	4,691.8	13,327.7
1984	614.0	230.0	15.9	28.0	49.6	59.1	61.4	126.0	297.4	810.3	1,921.8	4,957.1	15,593.1
1985	592.4	206.4	26.9	15.4	42.3	60.3	57.7	114.7	294.8	742.7	1,822.2	4,934.5	14,527.6
1986	606.4	182.8	18.8	11.5	53.2	51.1	61.2	124.3	297.3	799.4	1,896.0	4,871.9	14,410.4
1987	602.3	192.7	22.5	10.7	45.2	37.3	70.6	115.8	273.8	738.9	1,919.5	4,763.0	14,386.7

Rates are per 100,000 population in each age-and-sex group.

Figure 21. Death Rates by Age Group: Colorado Residents and United States, 1970-1987





Graphs show deaths per 100,000 population in each age group. Please note scales differ for each age group. U.S. rates are from the National Center for Health Statistics.

Deaths by Race

In 1987, Anglo (non-Spanish surname) whites accounted for 18,598 or 88.2 percent of Colorado resident deaths. Spanish surname white deaths numbered 1,633 deaths or 7.7 percent of all deaths, followed by blacks at 702 deaths or 3.3 percent. Native American deaths totaled 50.

Completeness of counts for decedents of Hispanic origin is questionable. The above total of 1,633 Spanish surname white deaths is for persons of white race whose surname was matched to U.S. Census Bureau lists of names considered to be Hispanic. Women who have taken their Hispanic husbands' surnames are included in this category regardless of what their own ethnic origin was.

Another way to determine Hispanicity is to consider entries made in the origin or descent section of the death certificate. In 1987, 1,409 Colorado decedents had entries that were of Spanish origin, including Spanish, Mexican, or other Latin American nationalities. This information is obtained from informants when the death record is completed, usually relatives of the deceased.

Increases in numbers of entries of "American" also challenge the use of the Spanish origin category as a reliable indicator of mortality by origin or descent in death statistics through 1987. In 1988, a revised death certificate (a sample of which may be found in the technical notes for this report) asks specifically if the decedent was Hispanic. This is intended to improve the completeness of mortality data for Hispanics, who represent the largest ethnic minority in the state.

Table 49 shows Colorado resident deaths by race, Spanish origin, age, and sex in 1987.

Table 49. Deaths by Race, Spanish Origin, Age, and Sex: Colorado Residents, 1987

Race and Spanish Origin	Sex	Total	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
Total	T	21,089	527	98	63	51	173	271	336	393	414	428	493	648	1,056	1,582	2,089	2,346	2,760	2,695	4,666
	M	11,016	307	62	36	39	117	218	243	265	274	268	299	410	653	999	1,198	1,326	1,496	1,234	1,572
	F	10,073	220	36	27	12	56	53	93	128	140	160	194	238	403	583	891	1,020	1,264	1,461	3,094
Total White	T	20,231	469	88	57	48	162	251	313	359	391	389	459	592	980	1,502	2,016	2,266	2,691	2,532	4,566
	M	10,563	276	56	34	37	112	204	225	247	259	248	281	377	616	944	1,157	1,289	1,461	1,206	1,534
	F	9,668	193	32	23	11	50	47	88	112	132	141	178	215	364	558	859	977	1,230	1,426	3,032
Anglo White	T	18,598	393	73	48	45	143	194	254	320	323	354	399	540	889	1,390	1,848	2,110	2,504	2,481	4,290
	M	9,618	239	43	31	34	97	163	180	221	213	222	236	345	558	873	1,061	1,199	1,362	1,134	1,407
	F	8,980	154	30	17	11	46	31	74	99	110	132	163	195	331	517	787	911	1,142	1,347	2,883
Spanish Surname White	T	1,633	76	15	9	3	19	57	59	39	68	35	60	52	91	112	168	156	187	151	276
	M	945	37	13	3	3	15	41	45	26	46	26	45	32	58	71	96	90	99	72	127
	F	688	39	2	6	0	4	16	14	13	22	9	15	20	33	41	72	66	88	79	149
Total Non-White	T	854	58	9	6	3	10	20	23	33	23	38	34	56	76	80	73	80	69	63	100
	M	451	31	6	2	2	5	14	18	17	15	20	18	33	37	55	41	37	35	28	38
	F	403	27	3	4	1	5	6	5	16	8	19	16	23	39	25	32	43	34	35	62
Black	T	702	52	7	6	3	9	17	17	22	19	26	24	49	61	67	60	67	61	51	84
	M	370	27	5	2	2	4	11	14	12	13	15	15	31	29	44	34	29	30	23	30
	F	332	25	2	4	1	5	6	3	10	6	11	9	18	32	23	26	38	31	28	54
Native American	T	50	3	1	0	0	1	2	5	4	1	6	4	1	5	4	3	3	3	2	2
	M	28	2	0	0	0	1	2	3	1	0	4	2	0	2	3	2	2	2	0	2
	F	22	1	1	0	0	0	0	2	3	1	2	2	1	3	1	1	1	1	2	0
Other Non-White	T	102	3	1	0	0	0	1	1	7	3	6	6	6	10	9	10	10	5	10	14
	M	53	2	1	0	0	0	1	1	4	2	1	1	2	6	8	5	6	3	5	6
	F	49	1	0	0	0	0	0	0	3	1	6	5	4	4	1	5	4	2	5	8
Unknown/ Not Stated	T	4	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0
	M	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	F	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Spanish Origin	T	19,680	467	83	56	49	161	218	285	353	350	390	442	602	980	1,484	1,957	2,215	2,598	2,564	4,426
	M	10,190	275	50	34	37	106	178	202	239	231	241	264	377	605	943	1,117	1,250	1,414	1,171	1,456
	F	9,490	192	33	22	12	55	40	83	114	119	149	178	225	375	541	840	965	1,184	1,393	2,970
Spanish Origin	T	1,409	60	15	7	2	12	53	51	40	64	38	51	46	76	98	132	131	162	131	240
	M	826	32	12	2	2	11	40	41	26	43	27	35	33	48	56	81	76	82	63	116
	F	583	28	3	5	0	1	13	10	14	21	11	16	13	28	42	51	55	80	68	124

Spanish origin is independent of race. Definitions of race categories may be found in the technical notes for this report.

Leading Causes of Death

The ranking of the ten leading causes of death to Colorado residents in 1987 by number of deaths and crude death rates was heart disease, malignant neoplasms, cerebrovascular diseases, chronic obstructive pulmonary diseases (COPD), accidents and adverse effects (unintentional injuries), pneumonia and influenza, suicide, diabetes mellitus, atherosclerosis, and chronic liver disease and cirrhosis. A major change in this ranking from the past was the rise in COPD to fourth place and the decline of accidents to fifth, culminating long-term trends for both causes.

As in the past, Colorado's ranking of the ten leading causes of death differed from that of the United States in several ways. Table 50 compares Colorado and U.S. deaths from leading causes in 1987. As this table shows, crude death rates were lower in Colorado for most causes, exceptions being COPD and suicide. Rankings for these causes were higher in the state. Figure 22 compares the percent distribution of leading causes of death in Colorado and the nation in 1987. Figure 23 compares crude death rates by cause.

Colorado deaths in 1987 from selected causes by month of occurrence appear in Table 51. Higher proportions of deaths from several chronic diseases as well as pneumonia and influenza appear in the winter months, while higher percentages of accident deaths are apparent in warm-weather months. Care should be used in considering these figures because no adjustment has been made for different lengths of months or other factors.

Table 52 presents numbers of deaths and crude death rates for leading causes of death to Colorado residents for selected years between 1940 and 1987.

Table 50. Leading Causes of Death and Death Rates: Colorado Residents and United States, 1987

Causes of Death and ICD Codes	Colorado Rank	Colorado Number	Colorado Rate	Colorado Percent of All Deaths	United States Rank	United States Rate	United States Percent of All Deaths
All Causes of Death		21,089	633.1	100.0		874.0	100.0
Heart Disease (390-398,402,404-429)	1	6,366	191.1	30.2	1	313.4	35.9
Malignant Neoplasms (140-208)	2	4,392	131.8	20.8	2	196.1	22.4
Cerebrovascular Diseases (430-438)	3	1,339	40.2	6.3	3	61.3	7.0
Chronic Obstructive Pulmonary Diseases (490-496)	4	1,245	37.4	5.9	5	32.2	3.7
Accidents and Adverse Effects (E800-E949)	5	1,226	36.8	5.8	4	39.0	4.5
Motor Vehicle		616	18.5	2.9		20.1	2.3
All Other		610	18.3	2.9		18.9	2.2
Pneumonia and Influenza (480-487)	6	901	27.0	4.3	6	28.8	3.3
Suicide (E950-E959)	7	561	16.8	2.7	8	12.7	1.5
Diabetes Mellitus (250)	8	370	11.1	1.8	7	15.6	1.8
Atherosclerosis (440)	9	326	9.8	1.5	10	9.5	1.1
Chronic Liver Disease and Cirrhosis (571)	10	258	7.7	1.2	9	10.7	1.2
Homicide (E960-E978)	11	204	6.1	1.0	12	8.5	1.0
Certain Conditions Originating in Perinatal Period (760-779)	12	200	6.0	0.9	14	7.6	0.9
Septicemia (038)	13	191	5.7	0.9	13	8.1	0.9
Congenital Anomalies (740-759)	14	185	5.6	0.9	15	5.0	0.6
Nephritis, Nephrosis, Nephrotic Syndrome (580-589)	15	142	4.3	0.7	11	9.5	1.1
All Other (Residual)		3,183	95.6	15.1		116.0	13.3

Rates are per 100,000 population. U.S. data are from the National Center for Health Statistics and are subject to revision.

Figure 22. Percent Distribution of Deaths by Cause: Colorado Residents and United States, 1987

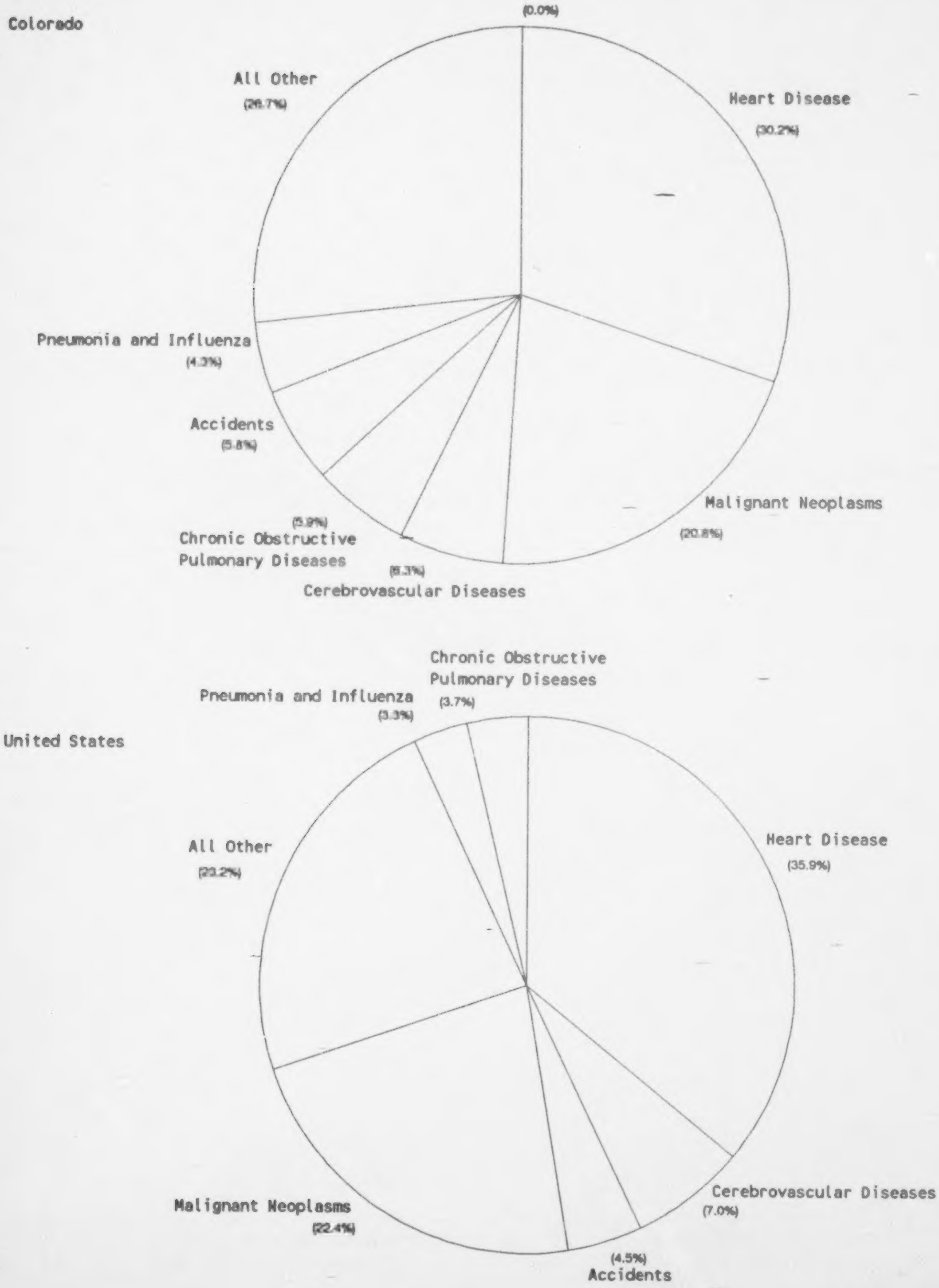


Figure 23. Crude Death Rates by Cause: Colorado Residents and United States, 1987

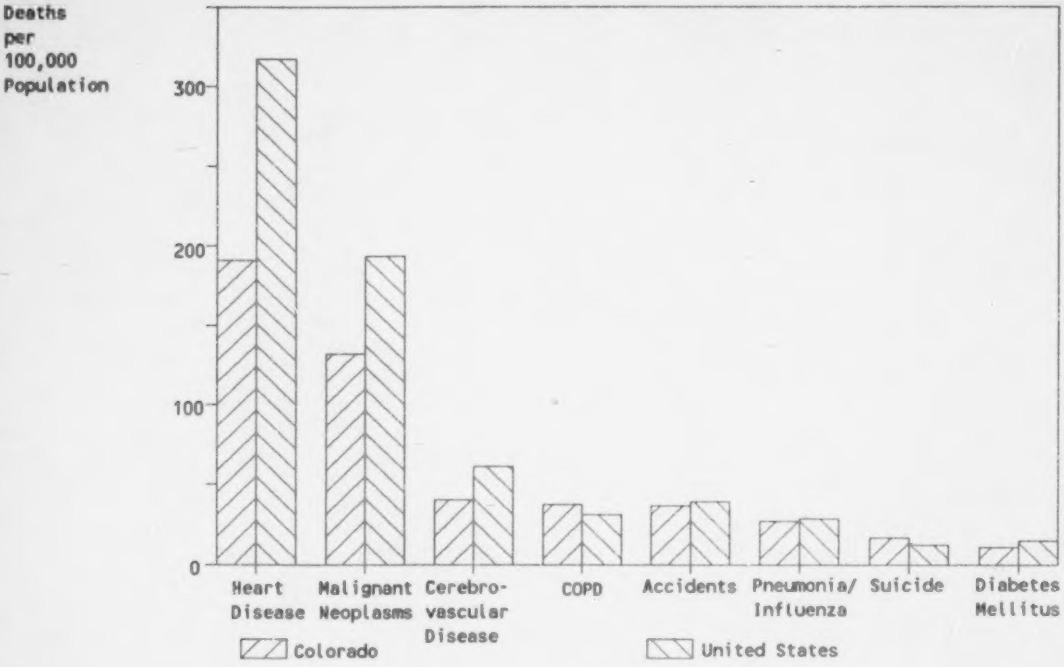


Figure 24. Age-Adjusted Death Rates by Cause: Colorado Residents and United States, 1987

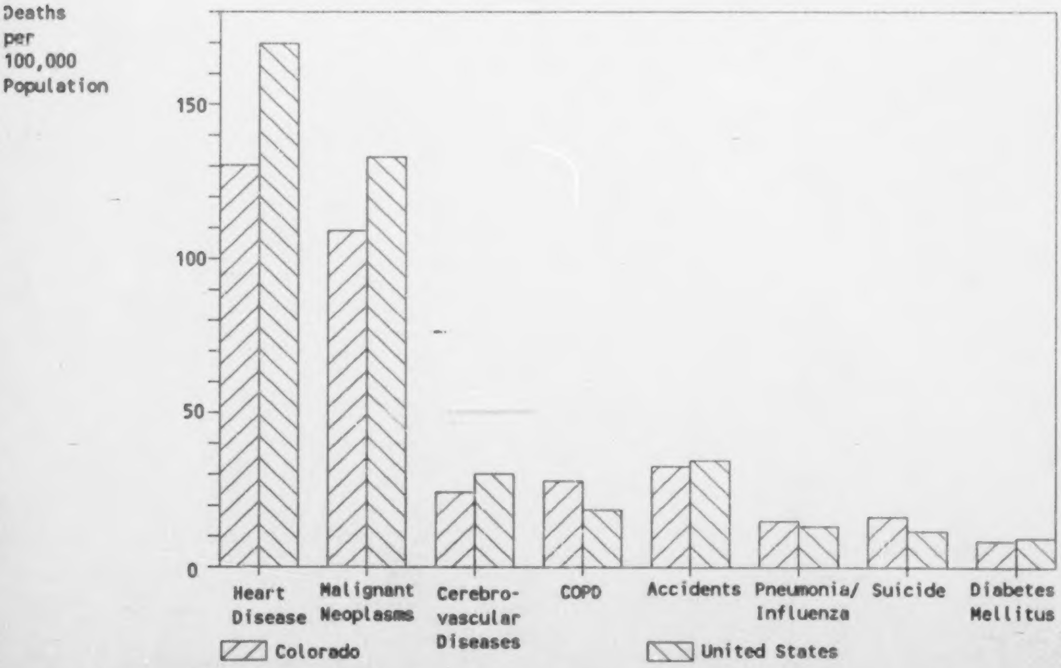


Table 51. Deaths from Selected Causes by Month of Occurrence: Colorado Residents, 1987

Cause of Death and ICD9 Codes	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Number of Deaths													
All Causes of Death	21,089	2,061	1,671	1,812	1,757	1,638	1,685	1,671	1,660	1,620	1,810	1,777	1,927
Heart Disease (390-398,402,404-429)	6,366	666	516	545	539	481	488	501	478	495	525	552	580
Malignant Neoplasms (140-208)	4,392	373	343	397	364	352	388	362	377	332	380	370	354
Cerebrovascular Diseases (430-438)	1,339	148	111	127	119	99	100	87	106	102	112	103	125
Chronic Obstructive Pulmonary Diseases (490-496)	1,245	131	100	120	107	98	90	81	93	77	115	101	132
Accidents and Adverse Effects (E800-E949)	1,226	99	73	88	81	92	90	136	130	115	96	116	110
Motor Vehicle	616	41	31	34	32	53	48	76	73	64	53	63	48
All Other	610	58	42	54	49	39	42	60	57	51	43	53	62
Pneumonia and Influenza (480-487)	901	119	77	83	79	62	56	59	48	56	70	72	120
Suicide (E950-E959)	561	43	52	42	44	57	53	56	55	44	41	41	33
Diabetes Mellitus (250)	370	46	34	32	24	26	30	26	24	26	39	20	43
Atherosclerosis (440)	326	25	23	33	37	29	23	22	26	18	24	31	35
Chronic Liver Disease and Cirrhosis (571)	258	23	24	22	26	18	15	19	27	14	21	22	27
Homicide (E960-E978)	204	10	20	18	18	16	19	24	10	18	23	15	13
Certain Conditions Originating in Perinatal Period (760-779)	200	16	17	20	15	14	17	19	22	13	12	18	17
Septicemia (038)	191	12	15	24	11	13	16	16	19	15	20	16	14
Congenital Anomalies (740-759)	185	19	20	11	16	19	18	15	12	9	13	22	11
Nephritis, Nephrosis, Nephrotic Syndrome (580-589)	142	14	12	10	16	10	6	15	9	15	12	10	13
Human Immunodeficiency Virus Infection (042-044)	133	9	15	6	16	9	12	8	13	8	14	10	13
All Other (Residual)	3,050	308	219	234	245	243	264	225	211	263	293	258	287
Percent Distribution of Deaths by Month													
All Causes of Death	100.0	9.8	7.9	8.6	8.3	7.8	8.0	7.9	7.9	7.7	8.6	8.4	9.1
Heart Disease (390-398,402,404-429)	100.0	10.5	8.1	8.6	8.5	7.6	7.7	7.9	7.5	7.8	8.2	8.7	9.1
Malignant Neoplasms (140-208)	100.0	8.5	7.8	9.0	8.3	8.0	8.8	8.2	8.6	7.6	8.7	8.4	8.1
Cerebrovascular Diseases (430-438)	100.0	11.1	8.3	9.5	8.9	7.4	7.5	6.5	7.9	7.6	8.4	7.7	9.3
Chronic Obstructive Pulmonary Diseases (490-496)	100.0	10.5	8.0	9.6	8.6	7.9	7.2	6.5	7.5	6.2	9.2	8.1	10.6
Accidents and Adverse Effects (E800-E949)	100.0	8.1	6.0	7.2	6.6	7.5	7.3	11.1	10.6	9.4	7.8	9.5	9.0
Motor Vehicle Accidents	100.0	6.7	5.0	5.5	5.2	8.6	7.8	12.3	11.9	10.4	8.6	10.2	7.8
All Other Accidents	100.0	9.5	6.9	8.9	8.0	6.4	6.9	9.8	9.3	8.4	7.0	8.7	10.2
Pneumonia and Influenza (480-487)	100.0	13.2	8.5	9.2	8.8	6.9	6.2	6.5	5.3	6.2	7.8	8.0	13.3
Suicide (E950-E959)	100.0	7.7	9.3	7.5	7.8	10.2	9.4	10.0	9.8	7.8	7.3	7.3	5.9
Diabetes Mellitus (250)	100.0	12.4	9.2	8.6	6.5	7.0	8.1	7.0	6.5	7.0	10.5	5.4	11.6
Atherosclerosis (440)	100.0	7.7	7.1	10.1	11.3	8.9	7.1	6.7	8.0	5.5	7.4	9.5	10.7
Chronic Liver Disease and Cirrhosis (571)	100.0	8.9	9.3	8.5	10.1	7.0	5.8	7.4	10.5	5.4	8.1	8.5	10.5
Homicide (E960-E978)	100.0	4.9	9.8	8.8	8.8	7.8	9.3	11.8	4.9	8.8	11.3	7.4	6.4
Certain Conditions Originating in Perinatal Period (760-779)	100.0	8.0	8.5	10.0	7.5	7.0	8.5	9.5	11.0	6.5	6.0	9.0	8.5
Septicemia (038)	100.0	6.3	7.9	12.6	5.8	6.8	8.4	8.4	9.9	7.9	10.5	8.4	7.3
Congenital Anomalies (740-759)	100.0	10.3	10.8	5.9	8.6	10.3	9.7	8.1	6.5	4.9	7.0	11.9	5.9
Nephritis, Nephrosis, Nephrotic Syndrome (580-589)	100.0	9.9	8.5	7.0	11.3	7.0	4.2	10.6	6.3	10.6	8.5	7.0	9.2
Human Immunodeficiency Virus Infection (042-044)	100.0	6.8	11.3	4.5	12.0	6.8	9.0	6.0	9.8	6.0	10.5	7.5	9.8
All Other (Residual)	100.0	10.1	7.2	7.7	8.0	8.0	8.7	7.4	6.9	8.6	9.6	8.5	9.4

Table 52. Deaths and Deaths Rates for Selected Causes: C[illegible]orado Residents, Selected Years, 1940-1987

Cause of Death	1987	1986	1985	1984	1983	1982	1981	1980	1970	1960	1950	1940
All Deaths	21,089	20,768	20,234	20,356	19,531	19,638	19,360	18,927	17,439	15,351	12,222	12,181
Heart Disease	6,366	6,443	6,416	6,603	6,426	6,618	6,592	6,411	6,059	5,278	4,186	2,933
Malignant Neoplasms	4,392	4,348	4,031	4,181	3,920	3,853	3,721	3,633	2,683	2,209	1,700	1,304
Cerebrovascular Diseases	1,339	1,307	1,297	1,275	1,250	1,331	1,380	1,386	1,769	1,601	1,156	977
Chronic Obstructive Pulmonary Diseases	1,245	1,141	1,128	1,088	962	926	914	854	492	-	-	-
Emphysema	202	206	192	182	196	194	183	178	372	193	12	4
Accidents and Adverse Effects	1,226	1,248	1,276	1,257	1,284	1,346	1,414	1,383	1,280	1,077	936	1,017
Pneumonia and Influenza	901	862	867	786	743	703	671	651	727	860	638	1,005
Suicide	561	572	580	528	577	506	537	468	402	230	201	220
Atherosclerosis	326	349	352	317	317	351	354	334	373	398	254	261
Diabetes Mellitus	370	347	335	301	306	296	278	276	279	184	145	201
Chronic Liver Disease and Cirrhosis	258	308	280	302	291	294	268	284	313	170	111	78
Other Circulatory Conditions	291	248	232	221	207	245	210	214	298	219	91	64
Homicide	204	237	190	192	189	201	242	197	147	69	44	52
Certain Conditions Originating in Perinatal Period	200	188	198	212	234	212	225	229	461	802	682	577
Nephritis, Nephrosis, Nephrotic Syndrome	142	170	193	197	167	181	163	129	67	112	190	788
Congenital Anomalies	185	147	168	184	169	176	180	170	215	227	176	127
Tuberculosis	16	12	12	5	7	11	8	13	34	76	208	457
All Other Causes	3,067	2,841	2,679	2,707	2,482	2,388	2,203	2,295	1,840	1,646	1,492	2,116
Rate												
All Deaths	633.1	635.7	625.6	638.2	620.3	639.3	648.8	650.8	782.6	875.2	922.4	1084.4
Heart Disease	191.1	197.2	198.4	207.0	204.1	215.5	220.9	220.4	271.9	300.9	315.9	261.1
Malignant Neoplasms	131.8	133.1	124.6	131.1	124.5	125.4	124.7	124.9	120.4	125.9	128.3	116.1
Cerebrovascular Diseases	40.2	40.0	40.1	40.0	39.7	43.3	46.2	47.7	79.4	91.3	87.2	87.0
Cnronic Obstructive Pulmonary Diseases	37.4	34.9	34.9	34.1	30.6	30.1	30.6	29.4	22.1	-	-	-
Emphysema	6.1	6.3	5.9	5.7	6.2	6.3	6.1	6.1	16.7	11.0	0.9	0.4
Accidents and Adverse Effects	36.8	38.2	39.5	39.4	40.8	43.8	47.4	47.6	57.4	61.4	70.6	90.5
Pneumonia and Influenza	27.0	26.4	26.8	24.6	23.6	22.9	22.5	22.4	32.6	49.0	48.1	89.5
Suicide	16.8	17.5	17.9	16.6	18.3	16.5	18.0	16.1	18.0	13.1	15.2	19.6
Atherosclerosis	9.8	10.7	10.9	9.9	10.1	11.4	11.9	11.5	16.7	22.7	19.2	23.2
Diabetes Mellitus	11.1	10.6	10.4	9.4	9.7	9.6	9.3	9.5	12.5	10.5	10.9	17.9
Chronic Liver Disease and Cirrhosis	7.7	9.4	8.7	9.5	9.2	9.6	9.0	9.8	14.0	9.7	8.4	6.9
Other Circulatory Conditions	8.7	7.6	7.2	6.9	6.6	8.0	7.0	7.4	13.4	12.5	6.9	5.7
Homicide	6.1	7.3	5.9	6.0	6.0	6.5	8.1	6.8	6.6	3.9	3.3	4.6
Certain Conditions Originating in Perinatal Period	6.0	5.8	6.1	6.6	7.4	6.9	7.5	7.9	20.7	45.7	51.5	51.4
Nephritis, Nephrosis, Nephrotic Syndrome	4.3	5.2	6.0	6.2	5.3	5.9	5.5	4.4	3.0	6.4	14.3	70.2
Congenital Anomalies	5.6	4.5	5.2	5.8	5.4	5.7	6.0	5.8	9.6	12.9	13.3	11.3
Tuberculosis	0.5	0.4	0.4	0.2	0.2	0.4	0.3	0.4	1.5	4.3	15.7	40.7

Rates are per 100,000 population. International Classification of Disease (ICD) codes, Fifth through Ninth Revisions, appear in the technical notes for this report.

Age-Adjusted Death Rates

Colorado's relatively young population partly explains its lower crude death rates for most causes than in the United States as a whole. However, age-adjusted death rates, which account for differences in age distribution in populations, also are generally lower in Colorado than the nation. Table 53 below compares Colorado and U.S. age-adjusted death rates for selected causes between 1983 and 1987.

The Colorado age-adjusted death rate for all causes was 467.2 deaths per 100,000 population in 1987, compared with the U.S. age-adjusted rate of 536.2. Age-adjusted death rates for total deaths in both areas have decreased over time. Higher age-adjusted death rates in Colorado for COPD and suicide and lower rates for heart disease, malignant neoplasms, and cerebrovascular diseases therefore are not simply the result of Colorado's having a younger population. Figure 24 depicts age-adjusted death rates for leading causes in Colorado and the United States in 1987.

Table 53. Age-Adjusted Death Rates for Selected Causes of Death: Colorado Residents and United States, 1983-87

Causes of Death and ICD Codes	Colorado					United States				
	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
All Causes of Death	486.0	487.2	472.9	474.8	467.2	550.5	545.9	545.9	541.7	536.2
Heart Disease (390-398,402,404-429)	148.7	145.5	139.4	135.6	130.5	188.8	183.6	181.7	175.0	169.9
Malignant Neoplasms (140-208)	108.6	111.4	106.1	111.9	109.0	132.6	133.5	132.5	133.2	133.1
Cerebrovascular Diseases (430-438)	25.5	25.5	24.2	24.8	24.3	34.4	33.4	32.3	31.0	30.1
Chronic Obstructive Pulmonary Diseases (490-496)	24.5	26.6	27.2	26.9	27.9	17.4	17.7	18.6	18.8	18.7
Accidents and Adverse Effects (E800-E949)	37.2	36.2	35.4	34.5	32.7	35.3	35.0	34.3	35.2	34.6
Motor Vehicle	22.9	19.5	18.5	18.6	17.8	18.5	19.1	18.3	19.4	19.7
All Other	16.4	16.4	16.9	16.0	14.8	16.8	15.9	16.0	15.7	14.9
Pneumonia and Influenza (480-487)	14.4	14.7	15.5	15.5	15.0	11.8	12.2	13.2	13.5	13.2
Suicide (E950-E959)	17.9	16.1	17.0	16.6	16.3	11.4	11.6	11.2	11.9	11.7
Diabetes Mellitus (250)	7.9	7.3	7.5	8.1	8.5	9.9	9.5	10.1	9.6	9.6
Atherosclerosis (440)	5.2	4.9	5.6	5.0	4.7	4.6	4.2	4.0	3.7	3.7
Chronic Liver Disease and Cirrhosis (571)	9.2	9.2	8.7	9.0	7.3	10.2	10.0	9.6	9.2	9.0
Homicide (E960-E978)	5.7	5.9	5.7	6.9	5.9	8.6	8.4	8.1	9.0	8.4
Septicemia (038)	3.6	3.6	3.6	3.9	4.1	3.4	3.7	4.1	4.3	4.4
Nephritis, Nephrosis, Nephrotic Syndrome (580-589)	3.6	4.6	4.1	3.4	2.7	4.6	4.7	5.2	4.9	5.0

Rates are per 100,000 population. See technical notes for explanation of age adjustment. U.S. data are from the National Center for Health Statistics.

Seventy-Two Selected Causes of Death

Tables 54 through 60 present cause-of-death statistics for 72 selected causes in 1987. These tables use standard groupings of International Classification of Disease codes and provide detailed information about deaths and death rates by age and sex.

Table 54 shows deaths, death rates, and percent of deaths by cause for Colorado residents and the United States. Total Colorado deaths by age and age-specific death rates appear in Tables 55 and 56. Comparable data for deaths by sex are shown in Tables 57 through 60.

Table 54. Deaths, Death Rates, and Percent of Deaths for 72 Selected Causes: Colorado Residents and United States, 1987

Cause of Death/ICD9 Code		Colorado		United States		Percent of All Deaths	
		Number	Rate	Number	Rate	Colorado	United States
All Causes		21,089	633.1	2,127,000	874.0	100.0	100.0
Shigellosis and Amebiasis................	004,006	0	0.0	10	0.0	0.0	0.0
Certain Other Intestinal Infections......	007-009	3	0.1	340	0.1	0.0	0.0
Tuberculosis.............................	010-018	16	0.5	1,720	0.7	0.1	0.1
Of Respiratory System	010-012	13	0.4	1,460	0.6	0.1	0.1
Other Tuberculosis.....................	013-018	3	0.1	260	0.1	0.0	0.0
Whooping Cough...........................	033	0	0.0	0	0.0	0.0	0.0
Strep Sore Throat, Scarlatina, Erysipelas	034-035	3	0.1	10	0.0	0.0	0.0
Meningococcal Infection..................	036	3	0.1	210	0.1	0.0	0.0
Septicemia...............................	038	191	5.7	19,810	8.1	0.9	0.9
Human Immunodeficiency Virus Infection...	042-044	133	4.0	*	*	0.6	*
Acute Poliomyelitis......................	045	0	0.0	0	0.0	0.0	0.0
Measles..................................	055	0	0.0	0	0.0	0.0	0.0
Viral Hepatitis..........................	070	19	0.6	1,470	0.6	0.1	0.1
Syphilis.................................	090-097	1	0.0	100	0.0	0.0	0.0
All Other Infectious, Parasitic Diseases	(001-139)	74	2.2	*	*	0.4	*
Malignant Neoplasms, All Sites...........	140-208	4,392	131.8	477,190	196.1	20.8	22.4
Of Lip, Oral Cavity, and Pharynx.......	140-149	70	2.1	8,240	3.4	0.3	0.4
Of Digestive Organs and Peritoneum.....	150-159	1,144	34.3	116,200	47.7	5.4	5.5
Of Respiratory and Intrathoracic Organs	160-165	1,094	32.8	133,400	54.8	5.2	6.3
Of Breast..............................	174-175	375	11.3	41,380	17.0	1.8	1.9
Of Genital Organs......................	179-187	521	15.6	51,380	21.1	2.5	2.4
Of Urinary Organs......................	188-189	194	5.8	19,850	8.2	0.9	0.9
Other and Unspecified Sites.....	170-173,190-199	535	16.1	61,510	25.3	2.5	2.9
Leukemia...............................	204-208	176	5.3	17,960	7.4	0.8	0.8
Other Malignant Neoplasms of Lymphatic, Hematopoietic Tissues	200-203	283	8.5	27,280	11.2	1.3	1.3
Benign Neoplasms, Carcinoma in Situ, Neoplasms of Uncertain Behavior and of Unspecified Nature...................	210-239	45	1.4	6,650	2.7	0.2	0.3
Diabetes Mellitus........................	250	370	11.1	37,900	15.6	1.8	1.8
Nutritional Deficiencies.................	260-269	47	1.4	2,800	1.2	0.2	0.1
Anemias..................................	280-285	43	1.3	3,650	1.5	0.2	0.2
Meningitis...............................	320-322	11	0.3	1,290	0.5	0.1	0.1
Major Cardiovascular Diseases............	390-448	8,413	252.5	966,400	397.0	39.9	45.4
Diseases of Heart..........	390-398,402,404-429	6,366	191.1	762,820	313.4	30.2	35.9
Rheumatic Fever and Rheumatic Heart Disease.............................	390-398	85	2.6	6,140	2.5	0.4	0.3
Hypertensive Heart Disease...........	402	102	3.1	20,230	8.3	0.5	1.0
Hypertensive Heart and Renal Disease.	404	20	0.6	2,690	1.1	0.1	0.1
Ischemic Heart Disease...............	410-414	4,458	133.8	513,680	211.0	21.1	24.2
Acute Myocardial Infarction........	410	2,217	66.6	253,140	104.0	10.5	11.9
Other Acute and Subacute Forms of Ischemic Heart Disease............	411	19	0.6	3,530	1.5	0.1	0.2
Angina Pectoris....................	413	8	0.2	1,330	0.5	0.0	0.1
Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Heart Disease.....................	412,414	2,214	66.5	255,680	105.0	10.5	12.0
Other Diseases of Endocardium........	424	116	3.5	11,130	4.6	0.6	0.5
All Other Heart Disease......	415-423,425-429	1,585	47.6	208,940	85.8	7.5	9.8
Hypertension with or without Renal Disease...............................	401,403	91	2.7	7,990	3.3	0.4	0.4
Cerebrovascular Diseases...............	430-438	1,339	40.2	149,220	61.3	6.3	7.0
Intracerebral and Other Intracranial Hemmorhage..........................	431-432	169	5.1	19,760	8.1	0.8	0.9

	Colorado		United States		Percent of All Deaths	
Cause of Death/ICD9 Code	Number	Rate	Number	Rate	Colorado	United States
Cerebral Thrombosis, Unspecified Occlusion of Cerebral Arteries 434.0,434.9	127	3.8	21,690	8.9	0.6	1.0
Cerebral Embolism 434.1	10	0.3	690	0.3	0.0	0.0
All Other and Late Effects of Cerebrovascular Diseases 430,433,435-438	1,033	31.0	107,070	44.0	4.9	5.0
Atherosclerosis 440	326	9.8	23,200	9.5	1.5	1.1
Other Diseases of Arteries, Arterioles, and Capillaries 441-448	291	8.7	23,190	9.5	1.4	1.1
Acute Bronchitis and Bronchiolitis 466	12	0.4	540	0.2	0.1	0.0
Pneumonia and Influenza 480-487	901	27.0	70,120	28.8	4.3	3.3
Pneumonia 480-486	879	26.4	69,500	28.6	4.2	3.3
Influenza 487	22	0.7	610	0.3	0.1	0.0
Chronic Obstructive Pulmonary Diseases 490-496	1,245	37.4	78,270	32.2	5.9	3.7
Bronchitis, Chronic and Unspecified 490-491	48	1.4	3,300	1.4	0.2	0.2
Emphysema 492	202	6.1	14,550	6.0	1.0	0.7
Asthma 493	72	2.2	4,030	1.7	0.3	0.2
Other Chronic Obstructive Pulmonary Diseases and Allied Conditions 494-496	923	27.7	56,380	23.2	4.4	2.7
Ulcer of Stomach and Duodenum 531-533	114	3.4	5,840	2.4	0.5	0.3
Appendicitis 540-543	1	0.0	500	0.2	0.0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction without Hernia Mentioned 550-553,560	74	2.2	5,690	2.3	0.4	0.3
Chronic Liver Disease and Cirrhosis 571	258	7.7	26,050	10.7	1.2	1.2
Cholelithiasis and Other Disorders of Gallbladder 574-575	40	1.2	3,260	1.3	0.2	0.2
Nephritis, Nephrotic Syndrome, and Nephrosis 580-589	142	4.3	23,040	9.5	0.7	1.1
Acute Glomerulonephritis, Nephrotic Syndrome 580-581	2	0.1	370	0.2	0.0	0.0
Other Specified Renal Disease 582-583,587	20	0.6	1,570	0.6	0.1	0.1
Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause. 584-596,588-589	120	3.6	21,100	8.7	0.6	1.0
Infections of Kidney 590	20	0.6	1,840	0.8	0.1	0.1
Hyperplasia of Prostate 600	9	0.3	520	0.2	0.0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium 630-676	4	0.1	240	0.1	0.0	0.0
Pregnancy with Abortive Outcome 630-638		0.0	40	0.0		0.0
Other Complications of Pregnancy 640-676	4	0.1	200	0.1	0.0	0.0
Congenital Anomalies 740-759	185	5.6	12,130	5.0	0.9	0.6
Certain Conditions Originating in Perinatal Period 760-779	200	6.0	18,460	7.6	0.9	0.9
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, Respiratory Distress Syndrome 767-769	46	1.4	4,490	1.8	0.2	0.2
Other Perinatal Conditions 760-766,770-779	154	4.6	13,960	5.7	0.7	0.7
Symptoms, Signs, Ill-Defined Conditions 780-799	213	6.4	31,290	12.9	1.0	1.5
Accidents and Adverse Effects E800-E949	1,226	36.8	94,840	39.0	5.8	4.5
Motor Vehicle Accidents E810-E825	616	18.5	48,950	20.1	2.9	2.3
All Other Accidents and Adverse Effects E800-E807,E826-E949	610	18.3	45,890	18.9	2.9	2.2
Suicide E950-E959	561	16.8	30,980	12.7	2.7	1.5
Homicide and Legal Intervention E960-E978	204	6.1	20,580	8.5	1.0	1.0
All Other External Causes E980-E999	67	2.0	2,820	1.2	0.3	0.1

* Category of all other infectious and parasitic diseases includes Human Immunodeficiency Virus Infection codes (042-044) in available U.S. data. In 1987, there were an estimated 19,160 deaths in these combined categories, for a rate of 7.9. Rates are per 100,000 population. U.S. data are provisional for 1987 and are from the National Center for Health Statistics.

Table 55. Total Deaths by 72 Selected Causes: Colorado Residents, 1987

Cause of Death/ICD9 Code		Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Causes		21,089	527	98	114	444	729	842	1,141	2,638	4,435	5,455	4,666
Shigellosis and Amebiasis	004,006	0	0	0	0	0	0	0	0	0	0	0	0
Certain Other Intestinal Infections	007-009	3	0	1	0	0	0	0	0	0	0	0	2
Tuberculosis	010-018	16	0	0	0	0	1	0	1	1	6	5	2
Of Respiratory System	010-012	13	0	0	0	0	1	0	1	1	3	5	2
Other Tuberculosis	013-018	3	0	0	0	0	0	0	0	0	3	0	0
Whooping Cough	033	0	0	0	0	0	0	0	0	0	0	0	0
Strep Sore Throat, Scarlatina, Erysipelas	034-035	3	1	1	0	0	0	0	0	0	0	0	1
Meningococcal Infection	036	3	1	1	0	0	0	0	0	0	0	1	0
Septicemia	038	191	2	0	0	1	1	10	7	27	47	46	50
Human Immunodeficiency Virus Infection	042-044	133	0	0	1	5	57	42	18	7	2	1	0
Acute Poliomyelitis	045	0	0	0	0	0	0	0	0	0	0	0	0
Measles	055	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hepatitis	070	19	0	0	0	0	4	3	3	3	4	2	0
Syphilis	090-097	1	0	0	0	0	0	0	0	0	1	0	0
All Other Infectious, Parasitic Diseases	(001-139)	74	2	2	1	1	1	4	3	14	21	15	10
Malignant Neoplasms, All Sites	140-208	4,392	0	5	12	26	66	148	350	926	1,308	1,052	499
Of Lip, Oral Cavity, and Pharynx	140-149	70	0	0	0	0	1	2	8	24	15	14	6
Of Digestive Organs and Peritoneum	150-159	1,144	0	0	2	0	9	29	68	225	331	306	174
Of Respiratory and Intrathoracic Organs	160-165	1,094	0	0	0	1	3	13	79	297	400	244	57
Of Breast	174-175	375	0	0	0	0	4	32	65	78	101	56	39
Of Genital Organs	179-187	521	0	0	0	0	11	16	30	78	153	146	87
Of Urinary Organs	188-189	194	0	0	0	0	0	2	12	45	48	59	28
Other and Unspecified Sites	170-173,190-199	535	0	2	4	11	26	32	46	111	139	114	50
Leukemia	204-208	176	0	3	4	7	6	11	15	25	41	33	31
Other Malignant Neoplasms of Lymphatic, Hematopoietic Tissues	200-203	283	0	0	2	7	6	11	27	43	80	80	27
Benign Neoplasms, Carcinoma in Situ, Neoplasms of Uncertain Behavior and of Unspecified Nature	210-239	45	1	0	1	2	1	3	2	10	10	9	6
Diabetes Mellitus	250	370	0	0	0	2	9	15	20	56	101	106	61
Nutritional Deficiencies	260-269	47	0	0	0	0	0	0	0	0	5	16	26
Anemias	280-285	43	0	0	1	0	1	1	0	3	7	21	9
Meningitis	320-322	11	0	4	1	0	1	0	0	2	2	1	0
Major Cardiovascular Diseases	390-448	8,413	17	6	0	14	45	153	368	911	1,744	2,548	2,607
Diseases of Heart	390-398,402,404-429	6,366	15	5	0	9	28	127	317	771	1,384	1,878	1,832
Rheumatic Fever and Rheumatic Heart Disease	390-398	85	0	0	0	0	0	3	7	16	27	28	4
Hypertensive Heart Disease	402	102	0	0	0	0	1	1	2	10	18	33	37
Hypertensive Heart and Renal Disease	404	20	0	0	0	0	0	0	1	5	3	8	3
Ischemic Heart Disease	410-414	4,458	0	1	0	2	10	78	238	586	1,027	1,332	1,184
Acute Myocardial Infarction	410	2,217	0	1	0	1	5	49	156	344	583	661	417
Other Acute and Subacute Forms of Ischemic Heart Disease	411	19	0	0	0	0	0	1	1	2	3	4	8
Angina Pectoris	413	8	0	0	0	0	0	0	0	1	1	1	5
Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Heart Disease	412,414	2,214	0	0	0	1	5	28	81	239	440	666	754
Other Diseases of Endocardium	424	116	0	0	0	0	0	1	6	13	23	39	34
All Other Heart Disease	415-423,425-429	1,585	15	4	0	7	17	44	63	141	286	438	570
Hypertension with or without Renal Disease	401,403	91	0	0	0	0	1	0	3	2	14	37	34
Cerebrovascular Diseases	430-438	1,339	2	1	0	3	15	23	32	83	231	454	495
Intracerebral and Other Intracranial Hemmorhage	431-432	169	0	1	0	0	3	8	9	24	55	41	28
Cerebral Thrombosis, Unspecified Occlusion of Cerebral Arteries	434.0,434.9	127	0	0	0	0	2	1	3	7	21	48	45
Cerebral Embolism	434.1	10	0	0	0	0	0	0	0	1	2	6	1

Cause of Death/ICD9 Code	Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Other and Late Effects of Cerebrovascular Diseases.... 430,433,435-438	1,033	2	0	0	3	10	14	20	51	153	359	421
Atherosclerosis........................ 440	326	0	0	0	0	0	1	0	7	38	93	187
Other Diseases of Arteries, Arterioles, and Capillaries........... 441-448	291	0	0	0	2	1	2	16	48	77	86	59
Acute Bronchitis and Bronchiolitis....... 466	12	1	0	1	0	0	1	1	0	1	2	5
Pneumonia and Influenza.................. 480-487	901	9	5	1	3	8	13	21	42	109	262	428
Pneumonia............................ 480-486	879	8	5	1	3	8	12	21	41	107	257	416
Influenza............................ 487	22	1	0	0	0	0	1	0	1	2	5	12
Chronic Obstructive Pulmonary Diseases... 490-496	1,245	1	1	3	2	5	12	28	149	418	465	161
Bronchitis, Chronic and Unspecified.... 490-491	48	1	1	0	0	0	0	1	5	13	15	12
Emphysema............................ 492	202	0	0	0	0	0	0	6	28	79	77	12
Asthma............................... 493	72	0	0	3	2	4	10	6	13	17	13	4
Other Chronic Obstructive Pulmonary Diseases and Allied Conditions........ 494-496	923	0	0	0	0	1	2	15	103	309	360	133
Ulcer of Stomach and Duodenum............ 531-533	114	0	0	0	0	2	1	5	11	22	32	41
Appendicitis............................. 540-543	1	0	0	0	0	0	0	0	1	0	0	0
Hernia of Abdominal Cavity and Intestinal Obstruction without Hernia Mentioned 550-553,560	74	1	1	0	0	0	1	2	5	12	26	26
Chronic Liver Disease and Cirrhosis...... 571	258	0	0	0	0	10	38	43	77	49	35	6
Cholelithiasis and Other Disorders of Gallbladder............................. 574-575	40	0	0	0	0	0	0	1	6	10	10	13
Nephritis, Nephrotic Syndrome, and Nephrosis............................... 580-589	142	0	0	0	1	1	7	4	9	26	49	45
Acute Glomerulonephritis, Nephrotic Syndrome.............................. 580-581	2	0	0	0	0	0	0	0	0	0	1	1
Other Specified Renal Disease...... 582-583,587	20	0	0	0	0	0	1	0	3	4	7	5
Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause. 584-596,588-589	120	0	0	0	1	1	6	4	6	22	41	39
Infections of Kidney..................... 590	20	0	0	0	0	0	0	1	1	4	6	8
Hyperplasia of Prostate.................. 600	9	0	0	0	0	0	0	0	0	0	4	5
Complications of Pregnancy, Childbirth, and the Puerperium...................... 630-676	4	0	0	0	1	2	1	0	0	0	0	0
Pregnancy with Abortive Outcome........ 630-638												
Other Complications of Pregnancy....... 640-676	4	0	0	0	1	2	1	0	0	0	0	0
Congenital Anomalies..................... 740-759	185	131	19	6	2	4	5	3	3	4	8	0
Certain Conditions Originating in Perinatal Period........................ 760-769	200	200	0	0	0	0	0	0	0	0	0	0
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, Respiratory Distress Syndrome.............................. 767-769	46	46	0	0	0	0	0	0	0	0	0	0
Other Perinatal Conditions..... 760-766,770-779	154	154	0	0	0	0	0	0	0	0	0	0
Symptoms, Signs, Ill-Defined Conditions.. 780-799	213	120	3	0	0	8	10	3	9	7	23	30
Accidents and Adverse Effects.......... E800-E949	1,226	12	38	61	220	236	144	72	100	99	123	121
Motor Vehicle Accidents.............. E810-E825	616	5	17	41	160	143	76	39	50	39	28	18
All Other Accidents and Adverse Effects.................. E800-E807,E826-E949	610	7	21	20	60	93	68	33	50	60	95	103
Suicide................................ E950-E959	561	0	0	10	88	136	98	79	63	54	28	5
Homicide and Legal Intervention........ E960-E978	204	6	3	3	50	62	43	20	9	4	3	1
All Other External Causes.............. E980-E999	67	2	2	1	5	20	22	3	7	3	2	0

Table 56. Death Rates for 72 Selected Causes: Colorado Residents, 1987

Cause of Death	Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Causes	633.1	901.7	45.7	23.9	81.0	113.8	160.9	363.9	1,037.1	2,465.6	5,909.8	15,508.4
Shigellosis and Amebiasis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Certain Other Intestinal Infections	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6
Tuberculosis	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.4	3.3	5.4	6.6
Of Respiratory System	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.4	1.7	5.4	6.6
Other Tuberculosis	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0
Whooping Cough	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Strep Sore Throat, Scarlatina, Erysipelas	0.1	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
Meningococcal Infection	0.1	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
Septicemia	5.7	3.4	0.0	0.0	0.2	0.2	1.9	2.2	10.6	26.1	49.8	166.2
Human Immunodeficiency Virus Infection	4.0	0.0	0.0	0.2	0.9	8.9	8.0	5.7	2.8	1.1	1.1	0.0
Acute Poliomyelitis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Measles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Viral Hepatitis	0.6	0.0	0.0	0.0	0.0	0.6	0.6	1.0	1.2	2.2	2.2	0.0
Syphilis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
All Other Infectious, Parasitic Diseases	2.2	3.4	0.9	0.2	0.2	0.2	0.8	1.0	5.5	11.7	16.3	33.2
Malignant Neoplasms, All Sites	131.8	0.0	2.3	2.5	4.7	10.3	28.3	111.6	364.0	727.2	1,139.7	1,658.5
Of Lip, Oral Cavity, and Pharynx	2.1	0.0	0.0	0.0	0.0	0.2	0.4	2.6	9.4	8.3	15.2	19.9
Of Digestive Organs and Peritoneum	34.3	0.0	0.0	0.4	0.0	1.4	5.5	21.7	88.5	184.0	331.5	578.3
Of Respiratory and Intrathoracic Organs	32.8	0.0	0.0	0.0	0.2	0.5	2.5	25.2	116.8	222.4	264.3	189.5
Of Breast	11.3	0.0	0.0	0.0	0.0	0.6	6.1	20.7	30.7	56.1	60.7	129.6
Of Genital Organs	15.6	0.0	0.0	0.0	0.0	1.7	3.1	9.6	30.7	85.1	158.2	289.2
Of Urinary Organs	5.8	0.0	0.0	0.0	0.0	0.0	0.4	3.8	17.7	26.7	63.9	93.1
Other and Unspecified Sites	16.1	0.0	0.9	0.8	2.0	4.1	6.1	14.7	43.6	77.3	123.5	166.2
Leukemia	5.3	0.0	1.4	0.8	1.3	0.9	2.1	4.8	9.8	22.8	35.8	103.0
Other Malignant Neoplasms of Lymphatic, Hematopoietic Tissues	8.5	0.0	0.0	0.4	1.3	0.9	2.1	8.6	16.9	44.5	86.7	89.7
Benign Neoplasms, Carcinoma in Situ, Neoplasms of Uncertain Behavior and of Unspecified Nature	1.4	1.7	0.0	0.2	0.4	0.2	0.6	0.6	3.9	5.6	9.8	19.9
Diabetes Mellitus	11.1	0.0	0.0	0.0	0.4	1.4	2.9	6.4	22.0	56.1	114.8	202.7
Nutritional Deficiencies	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	17.3	86.4
Anemias	1.3	0.0	0.0	0.2	0.0	0.2	0.2	0.0	1.2	3.9	22.8	29.9
Meningitis	0.3	0.0	1.9	0.2	0.0	0.2	0.0	0.0	0.8	1.1	1.1	0.0
Major Cardiovascular Diseases	252.5	29.1	2.8	0.0	2.6	7.0	29.2	117.4	358.1	969.6	2,760.4	8,664.9
Diseases of Heart	191.1	25.7	2.3	0.0	1.6	4.4	24.3	101.1	303.1	769.4	2,034.6	6,089.0
Rheumatic Fever and Rheumatic Heart Disease	2.6	0.0	0.0	0.0	0.0	0.0	0.6	2.2	6.3	15.0	30.3	13.3
Hypertensive Heart Disease	3.1	0.0	0.0	0.0	0.0	0.2	0.2	0.6	3.9	10.0	35.8	123.0
Hypertensive Heart and Renal Disease	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.0	1.7	8.7	10.0
Ischemic Heart Disease	133.8	0.0	0.5	0.0	0.4	1.6	14.9	75.9	230.4	570.9	1,443.0	3,935.3
Acute Myocardial Infarction	66.6	0.0	0.5	0.0	0.2	0.8	9.4	49.7	135.2	324.1	716.1	1,386.0
Other Acute and Subacute Forms of Ischemic Heart Disease	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.8	1.7	4.3	26.6
Angina Pectoris	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.1	16.6
Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Heart Disease	66.5	0.0	0.0	0.0	0.2	0.8	5.4	25.8	94.0	244.6	721.5	2,506.1
Other Diseases of Endocardium	3.5	0.0	0.0	0.0	0.0	0.0	0.2	1.9	5.1	12.8	42.3	113.0
All Other Heart Disease	47.6	25.7	1.9	0.0	1.3	2.7	8.4	20.1	55.4	159.0	474.5	1,894.5
Hypertension with or without Renal Disease	2.7	0.0	0.0	0.0	0.0	0.2	0.0	1.0	0.8	7.8	40.1	113.0
Cerebrovascular Diseases	40.2	3.4	0.5	0.0	0.5	2.3	4.4	10.2	32.6	128.4	491.8	1,645.2
Intracerebral and Other Intracranial Hemmorhage	5.1	0.0	0.5	0.0	0.0	0.5	1.5	2.9	9.4	30.6	44.4	93.1
Cerebral Thrombosis, Unspecified Occlusion of Cerebral Arteries	3.8	0.0	0.0	0.0	0.0	0.3	0.2	1.0	2.8	11.7	52.0	149.6
Cerebral Embolism	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	6.5	3.3

Cause of Death/ICD9 Code	Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Other and Late Effects of Cerebrovascular Diseases	31.0	3.4	0.0	0.0	0.5	1.6	2.7	6.4	20.1	85.1	388.9	1,399.3
Atherosclerosis	9.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.8	21.1	100.8	621.5
Other Diseases of Arteries, Arterioles, and Capillaries	8.7	0.0	0.0	0.0	0.4	0.2	0.4	5.1	18.9	42.8	93.2	196.1
Acute Bronchitis and Bronchiolitis	0.4	1.7	0.0	0.2	0.0	0.0	0.2	0.3	0.0	0.6	2.2	16.6
Pneumonia and Influenza	27.0	15.4	2.3	0.2	0.5	1.2	2.5	6.7	16.5	60.6	283.8	1,422.5
Pneumonia	26.4	13.7	2.3	0.2	0.5	1.2	2.3	6.7	16.1	59.5	278.4	1,382.7
Influenza	0.7	1.7	0.0	0.0	0.0	0.0	0.2	0.0	0.4	1.1	5.4	39.9
Chronic Obstructive Pulmonary Diseases	37.4	1.7	0.5	0.6	0.4	0.8	2.3	8.9	58.6	232.4	503.8	535.1
Bronchitis, Chronic and Unspecified	1.4	1.7	0.5	0.0	0.0	0.0	0.0	0.3	2.0	7.2	16.3	39.9
Emphysema	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	11.0	43.9	83.4	39.9
Asthma	2.2	0.0	0.0	0.6	0.4	0.6	1.9	1.9	5.1	9.5	14.1	13.3
Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	27.7	0.0	0.0	0.0	0.0	0.2	0.4	4.8	40.5	171.8	390.0	442.1
Ulcer of Stomach and Duodenum	3.4	0.0	0.0	0.0	0.0	0.3	0.2	1.6	4.3	12.2	34.7	136.3
Appendicitis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction without Hernia Mentioned	2.2	1.7	0.5	0.0	0.0	0.0	0.2	0.6	2.0	6.7	28.2	86.4
Chronic Liver Disease and Cirrhosis	7.7	0.0	0.0	0.0	0.0	1.6	7.3	13.7	30.3	27.2	37.9	19.9
Cholelithiasis and Other Disorders of Gallbladder	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.4	5.6	10.8	43.2
Nephritis, Nephrotic Syndrome, and Nephrosis	4.3	0.0	0.0	0.0	0.2	0.2	1.3	1.3	3.5	14.5	53.1	149.6
Acute Glomerulonephritis, Nephrotic Syndrome	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	3.3
Other Specified Renal Disease	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.2	2.2	7.6	16.6
Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	3.6	0.0	0.0	0.0	0.2	0.2	1.1	1.3	2.4	12.2	44.4	129.6
Infections of Kidney	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	2.2	6.5	26.6
Hyperplasia of Prostate	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	16.6
Complications of Pregnancy, Childbirth, and the Puerperium	0.1	0.0	0.0	0.0	0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0
Pregnancy with Abortive Outcome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Complications of Pregnancy	0.1	0.0	0.0	0.0	0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0
Congenital Anomalies	5.6	224.1	8.9	1.3	0.4	0.6	1.0	1.0	1.2	2.2	8.7	0.0
Certain Conditions Originating in Perinatal Period	6.0	342.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, Respiratory Distress Syndrome	1.4	78.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Perinatal Conditions	4.6	263.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Symptoms, Signs, Ill-Defined Conditions	6.4	205.3	1.4	0.0	0.0	1.2	1.9	1.0	3.5	3.9	24.9	99.7
Accidents and Adverse Effects	36.8	20.5	17.7	12.8	40.1	36.8	27.5	23.0	39.3	55.0	133.3	402.2
Motor Vehicle Accidents	18.5	8.6	7.9	8.6	29.2	22.3	14.5	12.4	19.7	21.7	30.3	59.8
All Other Accidents and Adverse Effects	18.3	12.0	9.8	4.2	10.9	14.5	13.0	10.5	19.7	33.4	102.9	342.3
Suicide	16.8	0.0	0.0	2.1	16.1	21.2	18.7	25.2	24.8	30.0	30.3	16.6
Homicide and Legal Intervention	6.1	10.3	1.4	0.6	9.1	9.7	8.2	6.4	3.5	2.2	3.3	3.3
All Other External Causes	2.0	3.4	0.9	0.2	0.9	3.1	4.2	1.0	2.8	1.7	2.2	0.0

Table 57. Male Deaths from 72 Selected Causes by Age Group: Colorado Residents, 1987

Cause of Death/ICD9 Code		Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Causes		11,016	307	62	75	335	508	542	709	1,652	2,524	2,730	1,572
Shigellosis and Amebiasis	004,006	0	0	0	0	0	0	0	0	0	0	0	0
Certain Other Intestinal Infections	007-009	3	0	1	0	0	0	0	0	0	0	0	2
Tuberculosis	010-018	10	0	0	0	0	1	0	1	1	3	3	1
Of Respiratory System	010-012	9	0	0	0	0	1	0	1	1	2	3	1
Other Tuberculosis	013-018	0	0	0	0	0	0	0	0	0	0	0	0
Whooping Cough	033	0	0	0	0	0	0	0	0	0	0	0	0
Strep Sore Throat, Scarlatina, Erysipelas	034-035	2	0	1	0	0	0	0	0	0	0	0	1
Meningococcal Infection	036	1	0	1	0	0	0	0	0	0	0	0	0
Septicemia	038	79	1	0	0	0	0	4	7	10	29	14	14
Human Immunodeficiency Virus Infection	042-044	125	0	0	1	5	54	39	18	7	1	0	0
Acute Poliomyelitis	045	0	0	0	0	0	0	0	0	0	0	0	0
Measles	055	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hepatitis	070	12	0	0	0	0	2	1	3	3	3	0	0
Syphilis	090-097	1	0	0	0	0	0	0	0	0	1	0	0
All Other Infectious, Parasitic Diseases	(001-139)	28	0	1	1	0	0	2	2	7	8	4	3
Malignant Neoplasms, All Sites	140-208	2,296	0	3	7	20	24	65	148	513	701	582	233
Of Lip, Oral Cavity, and Pharynx	140-149	47	0	0	0	0	1	2	4	19	10	8	3
Of Digestive Organs and Peritoneum	150-159	595	0	0	1	0	6	20	39	131	183	147	68
Of Respiratory and Intrathoracic Organs	160-165	732	0	0	0	1	0	7	48	206	269	166	35
Of Breast	174-175	2	0	0	0	0	0	0	0	1	1	0	0
Of Genital Organs	179-187	296	0	0	0	0	3	3	1	24	95	101	69
Of Urinary Organs	188-189	129	0	0	0	0	0	1	10	31	27	45	15
Other and Unspecified Sites	170-173,190-199	273	0	2	1	8	9	19	30	66	64	53	21
Leukemia	204-208	83	0	1	3	5	2	6	4	12	17	23	10
Other Malignant Neoplasms of Lymphatic, Hematopoietic Tissues	200-203	139	0	0	2	6	3	7	12	23	35	39	12
Benign Neoplasms, Carcinoma in Situ, Neoplasms of Uncertain Behavior and of Unspecified Nature	210-239	20	0	0	0	0	0	2	2	6	4	2	4
Diabetes Mellitus	250	165	0	0	0	2	4	8	13	33	44	40	21
Nutritional Deficiencies	260-269	12	0	0	0	0	0	0	0	0	2	5	5
Anemias	280-285	25	0	0	1	0	1	1	0	2	4	13	3
Meningitis	320-322	5	0	1	0	0	1	0	0	1	1	1	0
Major Cardiovascular Diseases	390-448	4,114	8	3	0	11	31	114	271	636	1,045	1,198	797
Diseases of Heart	390-398,402,404-429	3,335	8	2	0	7	19	100	248	561	856	937	597
Rheumatic Fever and Rheumatic Heart Disease	390-398	19	0	0	0	0	0	1	1	6	6	5	0
Hypertensive Heart Disease	402	46	0	0	0	0	1	1	2	4	9	16	13
Hypertensive Heart and Renal Disease.	404	8								3	1	3	1
Ischemic Heart Disease	410-414	2,498	0	1	0	2	8	69	198	450	675	685	410
Acute Myocardial Infarction	410	1,342	0	1	0	1	4	44	127	266	384	353	162
Other Acute and Subacute Forms of Ischemic Heart Disease	411	8	0	0	0	0	0	1	1	1	2	1	2
Angina Pectoris	413	4	0	0	0	0	0	0	0	1	1	0	2
Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Heart Disease	412,414	1,144	0	0	0	1	4	24	70	182	288	331	244
Other Diseases of Endocardium	424	51	0	0	0	0	0	1	4	9	10	15	12
All Other Heart Disease	415-423,425-429	713	8	1	0	5	10	28	43	89	155	213	161
Hypertension with or without Renal Disease	401,403	33	0	0	0	0	1	0	3	1	7	13	8
Cerebrovascular Diseases	430-438	458	0	1	0	2	10	12	9	33	118	154	119
Intracerebral and Other Intracranial Hemmorhage	431-432	69	0	1	0	0	2	3	1	9	26	15	12
Cerebral Thrombosis, Unspecified Occlusion of Cerebral Arteries	434.0,434.9	41	0	0	0	0	2	0	0	2	9	18	10
Cerebral Embolism	434.1	4	0	0	0	0	0	0	0	0	1	2	1

Cause of Death/ICD9 Code	Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Other and Late Effects of Cerebrovascular Diseases 430,433,435-438	344	0	0	0	2	6	9	8	22	82	119	96
Atherosclerosis 440	107	0	0	0	0	0	1	0	2	13	41	50
Other Diseases of Arteries, Arterioles, and Capillaries 441-448	181	0	0	0	2	1	1	11	39	51	53	23
Acute Bronchitis and Bronchiolitis 466	6	1	1	0	0	0	1	0	0	1	1	1
Pneumonia and Influenza 480-487	398	7	4	0	2	4	9	17	22	62	121	150
Pneumonia 480-486	392	6	4	0	2	4	8	17	22	61	120	148
Influenza 487	6	1	0	0	0	0	1	0	0	1	1	2
Chronic Obstructive Pulmonary Diseases 490-496	750	1	1	0	2	2	5	13	88	252	305	81
Bronchitis, Chronic and Unspecified 490-491	24	1	1	0	0	0	0	0	3	5	10	4
Emphysema 492	119	0	0	0	0	0	0	4	13	48	45	9
Asthma 493	26	0	0	0	2	1	4	1	4	8	6	0
Other Chronic Obstructive Pulmonary Diseases and Allied Conditions 494-496	581	0	0	0	0	1	1	8	68	191	244	68
Ulcer of Stomach and Duodenum 531-533	52	0	0	0	0	1	1	2	8	13	14	13
Appendicitis 540-543	1	0	0	0	0	0	0	0	1	0	0	0
Hernia of Abdominal Cavity and Intestinal Obstruction without Hernia Mentioned 550-553,560	33	1	1	0	0	0	1	2	1	6	14	7
Chronic Liver Disease and Cirrhosis 571	167	0	0	0	0	5	25	26	55	33	22	1
Cholelithiasis and Other Disorders of Gallbladder 574-575	18	0	0	0	0	0	0	1	5	3	6	3
Nephritis, Nephrotic Syndrome, and Nephrosis 580-589	72	0	0	0	0	1	4	3	6	18	24	16
Acute Glomerulonephritis, Nephrotic Syndrome 580-581	2	0	0	0	0	0	0	0	0	0	1	1
Other Specified Renal Disease 582-583,587	9	0	0	0	0	0	0	0	1	3	4	1
Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause. 584-596,588-589	61	0	0	0	0	1	4	3	5	15	19	14
Infections of Kidney 590	2	0	0	0	0	0	0	0	0	0	0	2
Hyperplasia of Prostate 600	9	0	0	0	0	0	0	0	0	0	4	5
Complications of Pregnancy, Childbirth, and the Puerperium 630-676	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy with Abortive Outcome 630-638	0	0	0	0	0	0	0	0	0	0	0	0
Other Complications of Pregnancy 640-676	0	0	0	0	0	0	0	0	0	0	0	0
Congenital Anomalies 740-759	109	80	10	5	1	2	2	1	1	2	5	0
Certain Conditions Originating in Perinatal Period 760-769	105	105	0	0	0	0	0	0	0	0	0	0
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, Respiratory Distress Syndrome 767-769	26	26	0	0	0	0	0	0	0	0	0	0
Other Perinatal Conditions 760-766,770-779	79	79	0	0	0	0	0	0	0	0	0	0
Symptoms, Signs, Ill-Defined Conditions 780-799	120	76	1	0	0	5	4	3	4	6	14	7
Accidents and Adverse Effects E800-E949	823	5	27	41	165	177	105	53	69	64	62	55
Motor Vehicle Accidents E810-E825	414	2	11	24	116	103	44	30	33	24	17	10
All Other Accidents and Adverse Effects E800-E807,E826-E949	409	3	16	17	49	74	61	23	36	40	45	45
Suicide E950-E959	453	0	0	9	74	112	77	57	47	48	24	5
Homicide and Legal Intervention E960-E978	138	4	3	2	36	41	26	11	8	4	2	1
All Other External Causes E980-E999	43	1	1	1	2	13	16	3	3	2	1	0

Table 58. Male Death Rates for 72 Selected Causes by Age Group: Colorado Residents, 1987

Cause of Death	Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Causes	664.2	1,020.8	56.4	30.7	118.8	155.1	205.1	455.1	1,366.3	3,142.6	7,780.9	18,330.2
Shigellosis and Amebiasis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Certain Other Intestinal Infections	0.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3
Tuberculosis	0.6	0.0	0.0	0.0	0.0	0.3	0.0	0.6	0.8	3.7	8.6	11.7
Of Respiratory System	0.5	0.0	0.0	0.0	0.0	0.3	0.0	0.6	0.8	2.5	8.6	11.7
Other Tuberculosis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Whooping Cough	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Strep Sore Throat, Scarlatina, Erysipelas	0.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7
Meningococcal Infection	0.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Septicemia	4.8	3.3	0.0	0.0	0.0	0.0	1.5	4.5	8.3	36.1	39.9	163.2
Human Immunodeficiency Virus Infection	7.5	0.0	0.0	0.4	1.8	16.5	14.8	11.6	5.8	1.2	0.0	0.0
Acute Poliomyelitis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Measles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Viral Hepatitis	0.7	0.0	0.0	0.0	0.0	0.6	0.4	1.9	2.5	3.7	0.0	0.0
Syphilis	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0
All Other Infectious, Parasitic Diseases	1.7	0.0	0.9	0.4	0.0	0.0	0.8	1.3	5.8	10.0	11.4	35.0
Malignant Neoplasms, All Sites	138.4	0.0	2.7	2.9	7.1	7.3	24.6	95.0	424.3	872.8	1,658.8	2,716.9
Of Lip, Oral Cavity, and Pharynx	2.8	0.0	0.0	0.0	0.0	0.3	0.8	2.6	15.7	12.5	22.8	35.0
Of Digestive Organs and Peritoneum	35.9	0.0	0.0	0.4	0.0	1.8	7.6	25.0	108.3	227.9	419.0	792.9
Of Respiratory and Intrathoracic Organs	44.1	0.0	0.0	0.0	0.4	0.0	2.6	30.8	170.4	334.9	473.1	408.1
Of Breast	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.2	0.0	0.0
Of Genital Organs	17.8	0.0	0.0	0.0	0.0	0.9	1.1	0.6	19.8	118.3	287.9	804.6
Of Urinary Organs	7.8	0.0	0.0	0.0	0.0	0.0	0.4	6.4	25.6	33.6	128.3	174.9
Other and Unspecified Sites	16.5	0.0	1.8	0.4	2.8	2.7	7.2	19.3	54.6	79.7	151.1	244.9
Leukemia	5.0	0.0	0.9	1.2	1.8	0.6	2.3	2.6	9.9	21.2	65.6	116.6
Other Malignant Neoplasms of Lymphatic, Hematopoietic Tissues	8.4	0.0	0.0	0.8	2.1	0.9	2.6	7.7	19.0	43.6	111.2	139.9
Benign Neoplasms, Carcinoma in Situ, Neoplasms of Uncertain Behavior and of Unspecified Nature	1.2	0.0	0.0	0.0	0.0	0.0	0.8	1.3	5.0	5.0	5.7	46.6
Diabetes Mellitus	9.9	0.0	0.0	0.0	0.7	1.2	3.0	8.3	27.3	54.8	114.0	244.9
Nutritional Deficiencies	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	14.3	58.3
Anemias	1.5	0.0	0.0	0.4	0.0	0.3	0.4	0.0	1.7	5.0	37.1	35.0
Meningitis	0.3	0.0	0.9	0.0	0.0	0.3	0.0	0.0	0.8	1.2	2.9	0.0
Major Cardiovascular Diseases	248.0	26.6	2.7	0.0	3.9	9.5	43.1	174.0	526.0	1,301.1	3,414.5	9,293.4
Diseases of Heart	201.1	26.6	1.8	0.0	2.5	5.8	37.8	159.2	464.0	1,065.8	2,670.6	6,961.3
Rheumatic Fever and Rheumatic Heart Disease	1.1	0.0	0.0	0.0	0.0	0.0	0.4	0.6	5.0	7.5	14.3	0.0
Hypertensive Heart Disease	2.8	0.0	0.0	0.0	0.0	0.3	0.4	1.3	3.3	11.2	45.6	151.6
Hypertensive Heart and Renal Disease	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.2	8.6	11.7
Ischemic Heart Disease	150.6	0.0	0.9	0.0	0.7	2.4	26.1	127.1	372.2	840.4	1,952.3	4,780.8
Acute Myocardial Infarction	80.9	0.0	0.9	0.0	0.4	1.2	16.6	81.5	220.0	478.1	1,006.1	1,889.0
Other Acute and Subacute Forms of Ischemic Heart Disease	0.5	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.8	2.5	2.9	23.3
Angina Pectoris	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.2	0.0	23.3
Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Heart Disease	69.0	0.0	0.0	0.0	0.4	1.2	9.1	44.9	150.5	358.6	943.4	2,845.1
Other Diseases of Endocardium	3.1	0.0	0.0	0.0	0.0	0.0	0.4	2.6	7.4	12.5	42.8	139.9
All Other Heart Disease	43.0	26.6	0.9	0.0	1.8	3.1	10.6	27.6	73.6	193.0	607.1	1,877.3
Hypertension with or without Renal Disease	2.0	0.0	0.0	0.0	0.0	0.3	0.0	1.9	0.8	8.7	37.1	93.3
Cerebrovascular Diseases	27.6	0.0	0.9	0.0	0.7	3.1	4.5	5.8	27.3	146.9	438.9	1,387.6
Intracerebral and Other Intracranial Hemmorhage	4.2	0.0	0.9	0.0	0.0	0.6	1.1	0.6	7.4	32.4	42.8	139.9
Cerebral Thrombosis, Unspecified Occlusion of Cerebral Arteries	2.5	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.7	11.2	51.3	116.6
Cerebral Embolism	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	5.7	11.7

Cause of Death/ICD9 Code	Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Other and Late Effects of Cerebrovascular Diseases	20.7	0.0	0.0	0.0	0.7	1.8	3.4	5.1	18.2	102.1	339.2	1,119.4
Atherosclerosis	6.5	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.7	16.2	116.9	583.0
Other Diseases of Arteries, Arterioles, and Capillaries	10.9	0.0	0.0	0.0	0.7	0.3	0.4	7.1	32.3	63.5	151.1	268.2
Acute Bronchitis and Bronchiolitis	0.4	3.3	0.9	0.0	0.0	0.0	0.4	0.0	0.0	1.2	2.9	11.7
Pneumonia and Influenza	24.0	23.3	3.6	0.0	0.7	1.2	3.4	10.9	18.2	77.2	344.9	1,749.1
Pneumonia	23.6	20.0	3.6	0.0	0.7	1.2	3.0	10.9	18.2	76.0	342.0	1,725.7
Influenza	0.4	3.3	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.2	2.9	23.3
Chronic Obstructive Pulmonary Diseases	45.2	3.3	0.9	0.0	0.7	0.6	1.9	8.3	72.8	313.8	869.3	944.5
Bronchitis, Chronic and Unspecified	1.4	3.3	0.9	0.0	0.0	0.0	0.0	0.0	2.5	6.2	28.5	46.6
Emphysema	7.2	0.0	0.0	0.0	0.0	0.0	0.0	2.6	10.8	59.8	128.3	104.9
Asthma	1.6	0.0	0.0	0.0	0.7	0.3	1.5	0.6	3.3	10.0	17.1	0.0
Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	35.0	0.0	0.0	0.0	0.0	0.3	0.4	5.1	56.2	237.8	695.4	792.9
Ulcer of Stomach and Duodenum	3.1	0.0	0.0	0.0	0.0	0.3	0.4	1.3	6.6	16.2	39.9	151.6
Appendicitis	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction without Hernia Mentioned	2.0	3.3	0.9	0.0	0.0	0.0	0.4	1.3	0.8	7.5	39.9	81.6
Chronic Liver Disease and Cirrhosis	10.1	0.0	0.0	0.0	0.0	1.5	9.5	16.7	45.5	41.1	62.7	11.7
Cholelithiasis and Other Disorders of Gallbladder	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	4.1	3.7	17.1	35.0
Nephritis, Nephrotic Syndrome, and Nephrosis	4.3	0.0	0.0	0.0	0.0	0.3	1.5	1.9	5.0	22.4	68.4	186.6
Acute Glomerulonephritis, Nephrotic Syndrome	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	11.7
Other Specified Renal Disease	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.7	11.4	11.7
Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	3.7	0.0	0.0	0.0	0.0	0.3	1.5	1.9	4.1	18.7	54.2	163.2
Infections of Kidney	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3
Hyperplasia of Prostate	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	58.3
Complications of Pregnancy, Childbirth, and the Puerperium	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pregnancy with Abortive Outcome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Complications of Pregnancy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Congenital Anomalies	6.6	266.0	9.1	2.0	0.4	0.6	0.8	0.6	0.8	2.5	14.3	0.0
Certain Conditions Originating in Perinatal Period	6.3	349.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, Respiratory Distress Syndrome	1.6	86.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Perinatal Conditions	4.8	262.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Symptoms, Signs, Ill-Defined Conditions	7.2	252.7	0.9	0.0	0.0	1.5	1.5	1.9	3.3	7.5	39.9	81.6
Accidents and Adverse Effects	49.6	16.6	24.6	16.8	58.5	54.0	39.7	34.0	57.1	79.7	176.7	641.3
Motor Vehicle Accidents	25.0	6.7	10.0	9.8	41.1	31.5	16.6	19.3	27.3	29.9	48.5	116.6
All Other Accidents and Adverse Effects	24.7	10.0	14.6	7.0	17.4	22.6	23.1	14.8	29.8	49.8	128.3	524.7
Suicide	27.3	0.0	0.0	3.7	26.2	34.2	29.1	36.6	38.9	59.8	68.4	58.3
Homicide and Legal Intervention	8.3	13.3	2.7	0.8	12.8	12.5	9.8	7.1	6.6	5.0	5.7	11.7
All Other External Causes	2.6	3.3	0.9	0.4	0.7	4.0	6.1	1.9	2.5	2.5	2.9	0.0

Rates are per 100,000 population in each age group.

Table 59. Female Deaths from 72 Selected Causes by Age Group: Colorado Residents, 1987

Cause of Death		Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Causes		10,073	220	36	39	109	221	300	432	986	1,911	2,725	3,094
Shigellosis and Amebiasis	004,006	0	0	0	0	0	0	0	0	0	0	0	0
Certain Other Intestinal Infections	007-009	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis	010-018	6	0	0	0	0	0	0	0	0	3	2	1
Of Respiratory System	010-012	4	0	0	0	0	0	0	0	0	1	2	1
Other Tuberculosis	013-018	3	0	0	0	0	0	0	0	0	3	0	0
Whooping Cough	033	0	0	0	0	0	0	0	0	0	0	0	0
Strep Sore Throat, Scarlatina, Erysipelas	034-035	1	1	0	0	0	0	0	0	0	0	0	0
Meningococcal Infection	036	2	1	0	0	0	0	0	0	0	0	1	0
Septicemia	038	112	1	0	0	1	1	6	0	17	18	32	36
Human Immunodeficiency Virus Infection	042-044	8	0	0	0	0	3	3	0	0	1	1	0
Acute Poliomyelitis	045	0	0	0	0	0	0	0	0	0	0	0	0
Measles	055	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hepatitis	070	7	0	0	0	0	2	2	0	0	1	2	0
Syphilis	090-097	0	0	0	0	0	0	0	0	0	0	0	0
All Other Infectious, Parasitic Diseases	(001-139)	46	2	1	0	1	1	2	1	7	13	11	7
Malignant Neoplasms, All Sites	140-208	2,096	0	2	5	6	42	83	202	413	607	470	266
Of Lip, Oral Cavity, and Pharynx	140-149	23	0	0	0	0	0	0	4	5	5	6	3
Of Digestive Organs and Peritoneum	150-159	549	0	0	1	0	3	9	29	94	148	159	106
Of Respiratory and Intrathoracic Organs	160-165	362	0	0	0	0	3	6	31	91	131	78	22
Of Breast	174-175	373	0	0	0	0	4	32	65	77	100	56	39
Of Genital Organs	179-187	225	0	0	0	0	8	13	29	54	58	45	18
Of Urinary Organs	188-189	65	0	0	0	0	0	1	2	14	21	14	13
Other and Unspecified Sites	170-173,190-199	262	0	0	3	3	17	13	16	45	75	61	29
Leukemia	204-208	93	0	2	1	2	4	5	11	13	24	10	21
Other Malignant Neoplasms of Lymphatic, Hematopoietic Tissues	200-203	144	0	0	0	1	3	4	15	20	45	41	15
Benign Neoplasms, Carcinoma in Situ, Neoplasms of Uncertain Behavior and of Unspecified Nature	210-239	25	1	0	1	2	1	1	0	4	6	7	2
Diabetes Mellitus	250	205	0	0	0	0	5	7	7	23	57	66	40
Nutritional Deficiencies	260-269	35	0	0	0	0	0	0	0	0	3	11	21
Anemias	280-285	18	0	0	0	0	0	0	0	1	3	8	6
Meningitis	320-322	6	0	3	1	0	0	0	0	1	1	0	0
Major Cardiovascular Diseases	390-448	4,299	9	3	0	3	14	39	97	275	699	1,350	1,810
Diseases of Heart	390-398,402,404-429	3,031	7	3	0	2	9	27	69	210	528	941	1,235
Rheumatic Fever and Rheumatic Heart Disease	390-398	66	0	0	0	0	0	2	6	10	21	23	4
Hypertensive Heart Disease	402	56	0	0	0	0	0	0	0	6	9	17	24
Hypertensive Heart and Renal Disease.	404	12	0	0	0	0	0	0	1	2	2	5	2
Ischemic Heart Disease	410-414	1,960	0	0	0	0	2	9	40	136	352	647	774
Acute Myocardial Infarction	410	875	0	0	0	0	1	5	29	78	199	308	255
Other Acute and Subacute Forms of Ischemic Heart Disease	411	11	0	0	0	0	0	0	0	1	1	3	6
Angina Pectoris	413	4	0	0	0	0	0	0	0	0	0	1	3
Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Heart Disease	412,414	1,070	0	0	0	0	1	4	11	57	152	335	510
Other Diseases of Endocardium	424	65	0	0	0	0	0	0	2	4	13	24	22
All Other Heart Disease	415-423,425-429	872	7	3	0	2	7	16	20	52	131	225	409
Hypertension with or without Renal Disease	401,403	58	0	0	0	0	0	0	0	1	7	24	26
Cerebrovascular Diseases	430-438	881	2	0	0	1	5	11	23	50	113	300	376
Intracerebral and Other Intracranial Hemmorhage	431-432	100	0	0	0	0	1	5	8	15	29	26	16
Cerebral Thrombosis, Unspecified Occlusion of Cerebral Arteries	434.0,434.9	86	0	0	0	0	0	1	3	5	12	30	35
Cerebral Embolism	434.1	6	0	0	0	0	0	0	0	1	1	4	0

Cause of Death/ICD9 Code		Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Other and Late Effects of Cerebrovascular Diseases....	430,433,435-438	689	2	0	0	1	4	5	12	29	71	240	325
Atherosclerosis........................	440	219	0	0	0	0	0	0	0	5	25	52	137
Other Diseases of Arteries, Arterioles, and Capillaries...........	441-448	110	0	0	0	0	0	1	5	9	26	33	36
Acute Bronchitis and Bronchiolitis.......	466	6	0	0	0	0	0	0	1	0	0	1	4
Pneumonia and Influenza..................	480-487	503	2	1	1	1	4	4	4	20	47	141	278
Pneumonia..............................	480-486	487	2	1	1	1	4	4	4	19	46	137	268
Influenza..............................	487	16	0	0	0	0	0	0	0	1	1	4	10
Chronic Obstructive Pulmonary Diseases...	490-496	495	0	0	3	0	3	7	15	61	166	160	80
Bronchitis, Chronic and Unspecified....	490-491	24	0	0	0	0	0	0	1	2	8	5	8
Emphysema..............................	492	83	0	0	0	0	0	0	2	15	31	32	3
Asthma.................................	493	46	0	0	3	0	3	6	5	9	9	7	4
Other Chronic Obstructive Pulmonary Diseases and Allied Conditions........	494-496	342	0	0	0	0	0	1	7	35	118	116	65
Ulcer of Stomach and Duodenum............	531-533	62	0	0	0	0	1	0	3	3	9	18	28
Appendicitis.............................	540-543	0	0	0	0	0	0	0	0	0	0	0	0
Hernia of Abdominal Cavity and Intestinal Obstruction without Hernia Mentioned	550-553,560	41	0	0	0	0	0	0	0	4	6	12	19
Chronic Liver Disease and Cirrhosis......	571	91	0	0	0	0	5	13	17	22	16	13	5
Cholelithiasis and Other Disorders of Gallbladder.............................	574-575	22	0	0	0	0	0	0	0	1	7	4	10
Nephritis, Nephrotic Syndrome, and Nephrosis...............................	580-589	70	0	0	0	1	0	3	1	3	8	25	29
Acute Glomerulonephritis, Nephrotic Syndrome.............................	580-581	0	0	0	0	0	0	0	0	0	0	0	0
Other Specified Renal Disease......	582-583,587	11	0	0	0	0	0	1	0	2	1	3	4
Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause.	584-596,588-589	59	0	0	0	1	0	2	1	1	7	22	25
Infections of Kidney.....................	590	18	0	0	0	0	0	0	1	1	4	6	6
Hyperplasia of Prostate..................	600	0	0	0	0	0	0	0	0	0	0	0	0
Complications of Pregnancy, Childbirth, and the Puerperium......................	630-676	4	0	0	0	1	2	1	0	0	0	0	0
Pregnancy with Abortive Outcome........	630-638	0	0	0	0	0	0	0	0	0	0	0	0
Other Complications of Pregnancy.......	640-676	4	0	0	0	1	2	1	0	0	0	0	0
Congenital Anomalies.....................	740-759	76	51	9	1	1	2	3	2	2	2	3	0
Certain Conditions Originating in Perinatal Period........................	760-779	95	95	0	0	0	0	0	0	0	0	0	0
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, Respiratory Distress Syndrome..............................	767-769	20	20	0	0	0	0	0	0	0	0	0	0
Other Perinatal Conditions.....	760-766,770-779	75	75	0	0	0	0	0	0	0	0	0	0
Symptoms, Signs, Ill-Defined Conditions..	780-799	93	44	2	0	0	3	6	0	5	1	9	23
Accidents and Adverse Effects..........	E800-E949	403	7	11	20	55	59	39	19	31	35	61	66
Motor Vehicle Accidents..............	E810-E825	202	3	6	17	44	40	32	9	17	15	11	8
All Other Accidents and Adverse Effects....................	E800-E807,E826-E949	201	4	5	3	11	19	7	10	14	20	50	58
Suicide................................	E950-E959	108	0	0	1	14	24	21	22	16	6	4	0
Homicide and Legal Intervention........	E960-E978	66	2	0	1	14	21	17	9	1	0	1	0
All Other External Causes..............	E980-E999	24	1	1	0	3	7	6	0	4	1	1	0

Table 60. Female Death Rates for 72 Selected Causes by Age Group: Colorado Residents, 1987

Cause of Death/ICD9 Code	Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Causes	602.3	775.4	34.5	16.8	41.0	70.6	115.8	273.8	738.9	1,919.5	4,763.0	14,386.7
Shigellosis and Amebiasis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Certain Other Intestinal Infections	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tuberculosis	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.5	4.6
Of Respiratory System	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.5	4.6
Other Tuberculosis	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
Whooping Cough	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Strep Sore Throat, Scarlatina, Erysipelas	0.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Meningococcal Infection	0.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0
Septicemia	6.7	3.5	0.0	0.0	0.4	0.3	2.3	0.0	12.7	18.1	55.9	167.4
Human Immunodeficiency Virus Infection	0.5	0.0	0.0	0.0	0.0	1.0	1.2	0.0	0.0	1.0	1.7	0.0
Acute Poliomyelitis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Measles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Viral Hepatitis	0.4	0.0	0.0	0.0	0.0	0.6	0.8	0.0	0.0	1.0	3.5	0.0
Syphilis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All Other Infectious, Parasitic Diseases	2.8	7.0	1.0	0.0	0.4	0.3	0.8	0.6	5.2	13.1	19.2	32.5
Malignant Neoplasms, All Sites	125.3	0.0	1.9	2.2	2.3	13.4	32.0	128.0	309.5	609.7	821.5	1,236.9
Of Lip, Oral Cavity, and Pharynx	1.4	0.0	0.0	0.0	0.0	0.0	0.0	2.5	3.7	5.0	10.5	13.9
Of Digestive Organs and Peritoneum	32.8	0.0	0.0	0.4	0.0	1.0	3.5	18.4	70.4	148.7	277.9	492.9
Of Respiratory and Intrathoracic Organs	21.6	0.0	0.0	0.0	0.0	1.0	2.3	19.6	68.2	131.6	136.3	102.3
Of Breast	22.3	0.0	0.0	0.0	0.0	1.3	12.4	41.2	57.7	100.4	97.9	181.3
Of Genital Organs	13.5	0.0	0.0	0.0	0.0	2.6	5.0	18.4	40.5	58.3	78.7	83.7
Of Urinary Organs	3.9	0.0	0.0	0.0	0.0	0.0	0.4	1.3	10.5	21.1	24.5	60.4
Other and Unspecified Sites	15.7	0.0	0.0	1.3	1.1	5.4	5.0	10.1	33.7	75.3	106.6	134.8
Leukemia	5.6	0.0	1.9	0.4	0.8	1.3	1.9	7.0	9.7	24.1	17.5	97.6
Other Malignant Neoplasms of Lymphatic, Hematopoietic Tissues	8.6	0.0	0.0	0.0	0.4	1.0	1.5	9.5	15.0	45.2	71.7	69.7
Benign Neoplasms, Carcinoma in Situ, Neoplasms of Uncertain Behavior and of Unspecified Nature	1.5	3.5	0.0	0.4	0.8	0.3	0.4	0.0	3.0	6.0	12.2	9.3
Diabetes Mellitus	12.3	0.0	0.0	0.0	0.0	1.6	2.7	4.4	17.2	57.3	115.4	186.0
Nutritional Deficiencies	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	19.2	97.6
Anemias	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.0	14.0	27.9
Meningitis	0.4	0.0	2.9	0.4	0.0	0.0	0.0	0.0	0.7	1.0	0.0	0.0
Major Cardiovascular Diseases	257.0	31.7	2.9	0.0	1.1	4.5	15.1	61.5	206.1	702.1	2,359.6	8,416.3
Diseases of Heart	181.2	24.7	2.9	0.0	0.8	2.9	10.4	43.7	157.4	530.3	1,644.8	5,742.6
Rheumatic Fever and Rheumatic Heart Disease	3.9	0.0	0.0	0.0	0.0	0.0	0.8	3.8	7.5	21.1	40.2	18.6
Hypertensive Heart Disease	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	9.0	29.7	111.6
Hypertensive Heart and Renal Disease	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.5	2.0	8.7	9.3
Ischemic Heart Disease	117.2	0.0	0.0	0.0	0.0	0.6	3.5	25.3	101.9	353.6	1,130.9	3,599.0
Acute Myocardial Infarction	52.3	0.0	0.0	0.0	0.0	0.3	1.9	18.4	58.4	199.9	538.3	1,185.7
Other Acute and Subacute Forms of Ischemic Heart Disease	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	5.2	27.9
Angina Pectoris	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	13.9
Old Myocardial Infarction and Other Forms of Chronic Ischemic Heart Heart Disease	64.0	0.0	0.0	0.0	0.0	0.3	1.5	7.0	42.7	152.7	585.5	2,371.4
Other Diseases of Endocardium	3.9	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.0	13.1	41.9	102.3
All Other Heart Disease	52.1	24.7	2.9	0.0	0.8	2.2	6.2	12.7	39.0	131.6	393.3	1,901.8
Hypertension with or without Renal Disease	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	7.0	41.9	120.9
Cerebrovascular Diseases	52.7	7.0	0.0	0.0	0.4	1.6	4.2	14.6	37.5	113.5	524.4	1,748.3
Intracerebral and Other Intracranial Hemmorhage	6.0	0.0	0.0	0.0	0.0	0.3	1.9	5.1	11.2	29.1	45.4	74.4
Cerebral Thrombosis, Unspecified Occlusion of Cerebral Arteries	5.1	0.0	0.0	0.0	0.0	0.0	0.4	1.9	3.7	12.1	52.4	162.7
Cerebral Embolism	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	7.0	0.0

Cause of Death/ICD9 Code	Total	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Other and Late Effects of Cerebrovascular Diseases	41.2	7.0	0.0	0.0	0.4	1.3	1.9	7.6	21.7	71.3	419.5	1,511.2
Atherosclerosis	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	25.1	90.9	637.0
Other Diseases of Arteries, Arterioles, and Capillaries	6.6	0.0	0.0	0.0	0.0	0.0	0.4	3.2	6.7	26.1	57.7	167.4
Acute Bronchitis and Bronchiolitis	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.7	18.6
Pneumonia and Influenza	30.1	7.0	1.0	0.4	0.4	1.3	1.5	2.5	15.0	47.2	246.5	1,292.7
Pneumonia	29.1	7.0	1.0	0.4	0.4	1.3	1.5	2.5	14.2	46.2	239.5	1,246.2
Influenza	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	7.0	46.5
Chronic Obstructive Pulmonary Diseases	29.6	0.0	0.0	1.3	0.0	1.0	2.7	9.5	45.7	166.7	279.7	372.0
Bronchitis, Chronic and Unspecified	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.5	8.0	8.7	37.2
Emphysema	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	11.2	31.1	55.9	13.9
Asthma	2.8	0.0	0.0	1.3	0.0	1.0	2.3	3.2	6.7	9.0	12.2	18.6
Other Chronic Obstructive Pulmonary Diseases and Allied Conditions	20.4	0.0	0.0	0.0	0.0	0.0	0.4	4.4	26.2	118.5	202.8	302.2
Ulcer of Stomach and Duodenum	3.7	0.0	0.0	0.0	0.0	0.3	0.0	1.9	2.2	9.0	31.5	130.2
Appendicitis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hernia of Abdominal Cavity and Intestinal Obstruction without Hernia Mentioned	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	21.0	88.3
Chronic Liver Disease and Cirrhosis	5.4	0.0	0.0	0.0	0.0	1.6	5.0	10.8	16.5	16.1	22.7	23.2
Cholelithiasis and Other Disorders of Gallbladder	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	7.0	7.0	46.5
Nephritis, Nephrotic Syndrome, and Nephrosis	4.2	0.0	0.0	0.0	0.4	0.0	1.2	0.6	2.2	8.0	43.7	134.8
Acute Glomerulonephritis, Nephrotic Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Specified Renal Disease	0.7	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.5	1.0	5.2	18.6
Renal Failure, Disorders Resulting from Impaired Renal Function, and Small Kidney of Unknown Cause	3.5	0.0	0.0	0.0	0.4	0.0	0.8	0.6	0.7	7.0	38.5	116.2
Infections of Kidney	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	4.0	10.5	27.9
Hyperplasia of Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Complications of Pregnancy, Childbirth, and the Puerperium	0.2	0.0	0.0	0.0	0.4	0.6	0.4	0.0	0.0	0.0	0.0	0.0
Pregnancy with Abortive Outcome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Complications of Pregnancy	0.2	0.0	0.0	0.0	0.4	0.6	0.4	0.0	0.0	0.0	0.0	0.0
Congenital Anomalies	4.5	179.7	8.6	0.4	0.4	0.6	1.2	1.3	1.5	2.0	5.2	0.0
Certain Conditions Originating in Perinatal Period	5.7	334.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, Respiratory Distress Syndrome	1.2	70.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Perinatal Conditions	4.5	264.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Symptoms, Signs, Ill-Defined Conditions	5.6	155.1	1.9	0.0	0.0	1.0	2.3	0.0	3.7	1.0	15.7	106.9
Accidents and Adverse Effects	24.1	24.7	10.5	8.6	20.7	18.8	15.1	12.0	23.2	35.2	106.6	306.9
Motor Vehicle Accidents	12.1	10.6	5.7	7.3	16.5	12.8	12.4	5.7	12.7	15.1	19.2	37.2
All Other Accidents and Adverse Effects	12.0	14.1	4.8	1.3	4.1	6.1	2.7	6.3	10.5	20.1	87.4	269.7
Suicide	6.5	0.0	0.0	0.4	5.3	7.7	8.1	13.9	12.0	6.0	7.0	0.0
Homicide and Legal Intervention	3.9	7.0	0.0	0.4	5.3	6.7	6.6	5.7	0.7	0.0	1.7	0.0
All Other External Causes	1.4	3.5	1.0	0.0	1.1	2.2	2.3	0.0	3.0	1.0	1.7	0.0

Rates are per 100,000 population in each age group.

Deaths by Race and Cause

Table 61 shows deaths from selected causes among the three race-and-ethnic groups with the largest populations in Colorado. Counts for Hispanics in this table are based on deaths with white race, Spanish origin on the death certificate. This category is the closest available to Census Bureau definitions for Hispanicity used in population figures. Whites of non-Spanish origin and blacks are the other two groups in this table.

Because of uncertain completeness of reporting of ethnic origin on death records, care should be used in assessing the information in this table.

Heart Disease

With 6,366 deaths, heart disease claimed 30.2 percent of all Colorado deaths in 1987. The state's heart disease death rate of 191.1 deaths per 100,000 population in 1987 was the lowest rate for this cause of death ever recorded in the state, and represents a continuation of the long decline in deaths attributable to heart disease.

The heart disease death rate for Colorado males was 201.1 in 1987, while that for females was lower at 181.2. The U.S. heart disease death rate of 317.2 in 1987 was substantially higher than Colorado's rate. The U.S. age-adjusted death rate for heart disease also has consistently surpassed that for Colorado.

Seventy percent of Colorado's heart disease deaths in 1987 were from ischemic heart disease, characterized by a deficiency in blood flow and including myocardial infarctions, or heart attacks. In 1987, 4,458 Colorado deaths were from ischemic heart disease, with 2,217 of these deaths ascribed to acute myocardial infarctions and 2,214 to old myocardial infarctions and other forms of chronic ischemic heart disease.

Other diseases of the endocardium (e.g. heart valve disorders and endocarditis) claimed 116 lives in 1987. Hypertensive heart disease claimed 102 lives, and rheumatic fever and rheumatic heart disease was responsible for 85 Colorado deaths. Heart disease death rates, as with other chronic diseases, increase among each succeeding age group.

When the effects of all cardiovascular diseases (International Classification of Disease codes 390-448) are considered together, they account for 4 in 10 deaths to Colorado residents. In 1987, cardiovascular diseases, which pertain to the heart and blood vessels and include heart disease, cerebrovascular diseases, and atherosclerosis, claimed 8,413 lives in the state in 1987. The cardiovascular disease death rate was 252.5, lower than the U.S. rate of 397.0.

Malignant Neoplasms

Unlike heart disease and several other leading causes of death, death rates for malignant neoplasms have not decreased over time. With 4,392 Colorado resident deaths in 1987, malignant neoplasms were responsible for 1 in 5 deaths. The death rate for malignant neoplasms was 131.8.

In 1987, deaths from malignant neoplasms were more frequent for men than for women in all age groups except among women aged 25-54 years. Malignant neoplasms of the breast and genital organs (uterus, cervix, ovary) among women in these age groups resulted in higher death rates than those for men. The male death rate for malignant neoplasms was 138.4 in Colorado in 1987, while the rate for women was 125.3.

The most frequently reported site of fatal malignant neoplasms was the lung, including trachea and bronchus. With 1,056 Colorado deaths in 1987, lung cancer's death rate was 31.7 deaths per 100,000 population. If lung cancer were considered as a separate cause of death, it would have ranked sixth as a leading cause of death in 1987. Of the 1,056 deaths from lung cancer in 1987, 702 were male and 354 were female. Lung cancer death rates were 42.3 for males and 21.2 for females.

Malignant neoplasms of the colon and rectum followed with 546 deaths and a death rate of 16.4. Deaths to males totaled 265 for a rate of 16.0, and deaths to females totaled 281 for a rate of 16.8. With 373 deaths in 1987, malignant neoplasms of the female breast was the leading cause of cancer death to women. The death rate for breast cancer was 22.3 among Colorado women. Malignant neoplasms of the prostate caused 288 male deaths, with a rate of 17.4 among men. Deaths from malignant neoplasms of other sites and types included the following in 1987: pancreas, 259; leukemia, 176; ovary, 138; stomach, 133; brain, 123; kidney and other urinary organs, 99; bladder, 86, esophagus, 78; and melanoma of skin, 76. A total of 220 deaths were from malignant neoplasms without specifications of sites.

Table 61. Deaths from Selected Causes by Race, Age Group, and Sex: Colorado Residents, 1987

Total_Deaths	Total	<5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
White/Non-Hispanic													
Total Deaths	18,823	482	50	46	150	198	582	678	954	2,308	4,019	5,030	4,326
Heart Disease	5,767	13	0	0	1	4	23	111	276	674	1,244	1,719	1,702
Malignant Neoplasms	3,960	4	4	6	4	15	56	125	293	815	1,208	983	447
Cerebrovascular Diseases	1,213	2	0	0	0	2	11	14	22	65	206	422	469
Chronic Obstructive Pulmonary Diseases	1,164	2	3	0	1	0	5	12	23	144	395	437	142
Total Accidents	1,066	38	31	24	100	91	197	119	57	90	92	114	113
Motor Vehicle	525	16	21	15	73	65	118	63	30	44	36	26	18
All Other	541	22	10	9	27	26	79	56	27	46	56	88	95
Pneumonia and Influenza	815	10	0	0	0	2	6	11	14	37	90	240	405
Suicide	500	0	0	8	21	49	114	89	74	60	52	28	5
Diabetes	299	0	0	0	0	1	9	11	17	36	75	94	56
Atherosclerosis	304	0	0	0	0	0	0	1	0	6	37	85	175
Chronic Liver Disease and Cirrhosis	203	0	0	0	0	0	8	26	29	60	44	31	5
Homicide	125	6	2	0	11	14	42	22	14	7	4	2	1
Septicemia	164	2	0	0	0	0	0	4	6	23	40	45	44
White/Hispanic													
Total Deaths	1,409	75	7	2	12	53	91	102	97	174	263	293	240
Heart Disease	373	3	0	0	0	2	3	8	17	53	95	107	85
Malignant Neoplasms	243	0	1	0	1	4	6	12	24	51	60	48	36
Cerebrovascular Diseases	76	1	0	0	0	0	3	5	7	7	11	23	19
Chronic Obstructive Pulmonary Diseases	56	0	0	0	0	1	0	0	2	2	15	21	15
Total Accidents	113	6	3	0	8	12	30	19	10	6	3	9	7
Motor Vehicle	61	3	3	0	7	7	19	10	6	3	1	2	0
All Other	52	3	0	0	1	5	11	9	4	3	2	7	7
Pneumonia and Influenza	63	2	1	0	0	1	1	1	5	3	16	17	16
Suicide	42	0	0	1	0	15	14	6	2	3	1	0	0
Diabetes	55	0	0	0	0	0	0	2	3	14	23	9	4
Atherosclerosis	18	0	0	0	0	0	0	0	0	0	1	8	9
Chronic Liver Disease and Cirrhosis	40	0	0	0	0	0	0	11	9	11	4	4	1
Homicide	41	2	0	0	3	12	9	12	2	1	0	0	0
Septicemia	16	0	0	0	0	1	1	4	0	3	4	0	3
Black													
Total Deaths	702	59	6	3	9	17	39	45	73	128	127	112	84
Heart Disease	194	4	0	0	1	1	2	5	23	34	41	44	39
Malignant Neoplasms	152	1	1	0	1	1	2	6	24	54	32	17	13
Cerebrovascular Diseases	37	0	0	0	0	1	1	3	3	6	12	6	5
Chronic Obstructive Pulmonary Diseases	24	0	0	0	0	0	0	0	3	2	8	7	4
Total Accidents	32	3	3	0	3	4	6	3	3	2	4	0	1
Motor Vehicle	20	2	2	0	3	3	5	0	2	1	2	0	0
All Other	12	1	1	0	0	1	1	3	1	1	2	0	1
Pneumonia and Influenza	21	1	0	0	0	0	1	1	2	2	2	5	7
Suicide	13	0	0	1	1	1	5	3	2	0	0	0	0
Diabetes	14	0	0	0	0	1	0	2	0	6	1	3	1
Atherosclerosis	3	0	0	0	0	0	0	0	0	1	0	0	2
Chronic Liver Disease and Cirrhosis	8	0	0	0	0	0	0	1	2	5	0	0	0
Homicide	32	1	1	0	3	6	7	8	4	1	0	1	0
Septicemia	6	0	0	0	0	0	0	2	1	0	1	1	1

Table 61, Continued.

Male Deaths	Total	<5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
White/Non-Hispanic													
Total Deaths	9,738	288	32	35	101	164	406	437	590	1,456	2,289	2,522	1,418
Heart Disease	3,002	8	0	0	1	4	15	89	220	495	767	866	537
Malignant Neoplasms	2,067	2	2	4	3	12	22	55	120	454	648	544	201
Cerebrovascular Diseases	414	1	0	0	0	2	8	7	9	29	106	140	112
Chronic Obstructive Pulmonary Diseases	702	2	0	0	1	0	2	5	9	84	242	289	68
Total Accidents	704	23	20	18	65	75	146	86	42	62	61	56	50
Motor Vehicle	344	9	13	9	45	51	83	36	22	29	22	15	10
All Other	360	14	7	9	20	24	63	50	20	33	39	41	40
Pneumonia and Influenza	350	8	0	0	0	2	4	8	10	20	50	109	139
Suicide	401	0	0	7	16	43	93	69	53	44	47	24	5
Diabetes	133	0	0	0	0	1	4	6	10	24	31	37	20
Atherosclerosis	98	0	0	0	0	0	0	1	0	2	12	37	46
Chronic Liver Disease and Cirrhosis	123	0	0	0	0	0	5	14	15	41	28	19	1
Homicide	80	4	2	0	9	9	27	11	6	6	4	1	1
Septicemia	65	1	0	0	0	0	0	2	6	9	24	13	10
White/Hispanic													
Total Deaths	826	44	2	2	11	40	67	70	68	104	157	145	116
Heart Disease	209	0	0	0	0	1	2	6	12	38	61	48	41
Malignant Neoplasms	134	0	1	0	0	4	1	5	13	25	35	26	24
Cerebrovascular Diseases	28	0	0	0	0	0	2	3	0	2	6	10	5
Chronic Obstructive Pulmonary Diseases	32	0	0	0	0	1	0	0	2	2	7	10	10
Total Accidents	86	6	1	0	8	9	24	15	8	4	1	6	4
Motor Vehicle	51	3	1	0	7	6	16	7	6	2	1	2	0
All Other	35	3	0	0	1	3	8	8	2	2	0	4	4
Pneumonia and Influenza	34	1	0	0	0	0	0	0	5	1	9	10	8
Suicide	40	0	0	1	0	14	14	5	2	3	1	0	0
Diabetes	24	0	0	0	0	0	0	1	3	4	12	3	1
Atherosclerosis	8	0	0	0	0	0	0	0	0	0	1	4	3
Chronic Liver Disease and Cirrhosis	35	0	0	0	0	0	0	10	9	9	4	3	0
Homicide	33	2	0	0	3	9	7	9	2	1	0	0	0
Septicemia	7	0	0	0	0	0	0	1	0	0	3	0	3
Black													
Total Deaths	370	32	2	2	4	11	26	28	46	73	63	53	30
Heart Disease	103	2	0	0	1	0	2	2	16	20	25	21	14
Malignant Neoplasms	78	1	0	0	0	1	0	4	14	30	13	10	5
Cerebrovascular Diseases	11	0	0	0	0	0	0	2	0	0	5	2	2
Chronic Obstructive Pulmonary Diseases	15	0	0	0	0	0	0	0	2	1	3	6	3
Total Accidents	25	2	2	0	2	4	5	3	2	2	2	0	1
Motor Vehicle	15	1	1	0	2	3	4	0	2	1	1	0	0
All Other	10	1	1	0	0	1	1	3	0	1	1	0	1
Pneumonia and Influenza	12	1	0	0	0	0	0	1	2	1	2	2	3
Suicide	8	0	0	1	0	0	3	3	1	0	0	0	0
Diabetes	7	0	0	0	0	1	0	1	0	5	0	0	0
Atherosclerosis	1	0	0	0	0	0	0	0	0	0	0	0	1
Chronic Liver Disease and Cirrhosis	6	0	0	0	0	0	0	1	1	4	0	0	0
Homicide	23	1	0	0	1	5	5	6	3	1	0	1	0
Septicemia	5	0	0	0	0	0	0	1	1	0	1	1	1

Table 61, Continued.

Female Deaths	Total	<5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
White/Non-Hispanic													
Total Deaths	9,085	194	18	11	49	34	176	241	364	852	1,730	2,508	2,908
Heart Disease	2,765	5	0	0	0	0	8	22	56	179	477	853	1,165
Malignant Neoplasms	1,893	2	2	2	1	3	34	70	173	361	560	439	246
Cerebrovascular Diseases	799	1	0	0	0	0	3	7	13	36	100	282	357
Chronic Obstructive Pulmonary Diseases	462	0	3	0	0	0	3	7	14	60	153	148	74
Total Accidents	362	15	11	6	35	16	51	33	15	28	31	58	63
Motor Vehicle	181	7	8	6	28	14	35	27	8	15	14	11	8
All Other	181	8	3	0	7	2	16	6	7	13	17	47	55
Pneumonia and Influenza	465	2	0	0	0	0	2	3	4	17	40	131	266
Suicide	99	0	0	1	5	6	21	20	21	16	5	4	0
Diabetes	166	0	0	0	0	0	5	5	7	12	44	57	36
Atherosclerosis	206	0	0	0	0	0	0	0	0	4	25	48	129
Chronic Liver Disease and Cirrhosis	80	0	0	0	0	0	3	12	14	19	16	12	4
Homicide	45	2	0	0	2	5	15	11	8	1	0	1	0
Septicemia	99	1	0	0	0	0	0	2	0	14	16	32	34
White/Hispanic													
Total Deaths	583	31	5	0	1	13	24	32	29	70	106	148	124
Heart Disease	164	3	0	0	0	1	1	2	5	15	34	59	44
Malignant Neoplasms	109	0	0	0	1	0	5	7	11	26	25	22	12
Cerebrovascular Diseases	48	1	0	0	0	0	1	2	7	5	5	13	14
Chronic Obstructive Pulmonary Diseases	24	0	0	0	0	0	0	0	0	0	8	11	5
Total Accidents	27	0	2	0	0	3	6	4	2	2	2	3	3
Motor Vehicle	10	0	2	0	0	1	3	3	0	1	0	0	0
All Other	17	0	0	0	0	2	3	1	2	1	2	3	3
Pneumonia and Influenza	29	1	1	0	0	1	1	1	0	2	7	7	8
Suicide	2	0	0	0	0	1	0	1	0	0	0	0	0
Diabetes	31	0	0	0	0	0	0	1	0	10	11	6	3
Atherosclerosis	10	0	0	0	0	0	0	0	0	0	0	4	6
Chronic Liver Disease and Cirrhosis	5	0	0	0	0	0	0	1	0	2	0	1	1
Homicide	8	0	0	0	0	3	2	3	0	0	0	0	0
Septicemia	9	0	0	0	0	1	1	3	0	3	1	0	0
Black													
Total Deaths	332	27	4	1	5	6	13	17	27	55	64	59	54
Heart Disease	91	2	0	0	0	1	0	3	7	14	16	23	25
Malignant Neoplasms	74	0	1	0	1	0	2	2	10	24	19	7	8
Cerebrovascular Diseases	26	0	0	0	0	1	1	1	3	6	7	4	3
Chronic Obstructive Pulmonary Diseases	9	0	0	0	0	0	0	0	1	1	5	1	1
Total Accidents	7	1	1	0	1	0	1	0	1	0	2	0	0
Motor Vehicle	5	1	1	0	1	0	1	0	0	0	1	0	0
All Other	2	0	0	0	0	0	0	0	1	0	1	0	0
Pneumonia and Influenza	9	0	0	0	0	0	1	0	0	1	0	3	4
Suicide	5	0	0	0	1	1	2	0	1	0	0	0	0
Diabetes	7	0	0	0	0	0	0	1	0	1	1	3	1
Atherosclerosis	2	0	0	0	0	0	0	0	0	1	0	0	1
Chronic Liver Disease and Cirrhosis	2	0	0	0	0	0	0	0	1	1	0	0	0
Homicide	9	0	1	0	2	1	2	2	1	0	0	0	0
Septicemia	1	0	0	0	0	0	0	1	0	0	0	0	0

Cerebrovascular Diseases

Except for the years 1981 through 1983 when accidents claimed more lives, cerebrovascular diseases consistently have ranked after heart disease and malignant neoplasms as the third leading cause of death in Colorado. In 1987, cerebrovascular diseases caused 1,339 deaths, for a death rate of 40.2.

Cerebrovascular disease death rates among Coloradans decreased until the early 1980's. Since then, rates have remained steady at about the level seen in 1987. The state's rate continues to be lower than that for the nation, which was 61.2 in 1987. Age adjustment narrows the difference between Colorado and U.S. rates, but the state's age-adjusted cerebrovascular disease death rate of 24.3 in 1987 also was lower than the U.S. rate of 30.1.

The female death rate for cerebrovascular diseases was higher than that for males, 52.7 compared to 27.6. Death rates for this cause are generally higher among women aged 45 and older than among men of the same age. In addition, a larger proportion of women in the population among older age groups increases the overall difference in rates by sex.

With 792 deaths, the category of acute but ill-defined cerebrovascular disease (including strokes and undefined cerebrovascular accidents) claimed 6 in 10 deaths from this cause in 1987. Intracranial hemorrhages (including subarachnoid, intracerebral, and other intracranial hemmorhages) caused 243 deaths, and occlusions of cerebral arteries caused 137 deaths to Coloradans in 1987.

Chronic Obstructive Pulmonary Diseases (COPD)

COPD increased in rank to become the fourth leading cause of death in Colorado in 1987. There were 1,245 Colorado deaths from COPD, at a rate of 37.4 deaths per 100,000 population. The U.S. death rate for COPD was lower at 31.3. COPD includes asthma, chronic bronchitis, emphysema, and other chronic obstructive lung diseases.

Age-adjusted death rates also are higher for Colorado than the nation. The state's age-adjusted death rate for COPD in 1987 was 27.9, compared with the U.S. rate of 18.7. Both crude and age-adjusted death rates for COPD in the state have increased over the last decade, and rates in 1987 were the highest ever.

Colorado's crude death rate for COPD does not rank high among the states, which might seem to minimize cause for concern. It is because Colorado is a young state with generally low age-adjusted death rates for other chronic diseases that COPD is of special importance.

The COPD death rate for Colorado males was 52.7 percent higher than that for females in 1987. Men died from COPD at a rate of 45.2 per 100,000, compared to a rate of 29.6 for women. Rates increased with age for both sexes, but male rates consistently were higher than those for females among all age groups. An exception is deaths from asthma, for which female rates were higher than those for males.

Colorado deaths from specific COPD in 1987 totaled 48 from chronic and unspecified bronchitis, 202 from emphysema, 72 from asthma, and 5 from bronchiectasis (chronic dilation of bronchi or bronchioles). The greatest number of deaths were from other chronic airways obstructions, with entries on death certificates such as obstructive lung disease. These deaths totaled 918, about three-fourths of all COPD deaths. Colorado's crude death rates in 1987 were higher for each COPD than in the nation.

Possible explanations for higher COPD death rates in the state include the effects of high altitude on people with existing respiratory problems, higher concentrations of respiratory diseases in the population, and more frequent reporting of COPD as an underlying cause of death (as opposed to a contributory cause).

Deaths from Injuries (Accidents, Suicide, Homicide, Injuries of Undetermined Intent)

Injuries caused 1 in 10 deaths to Coloradans in 1987. With a total of 2,058 deaths, the death rate for all injuries was 61.8 per 100,000 population. Total injuries were the third leading cause of death in Colorado in 1987.

Table 62 presents Colorado resident injury deaths in 1987 by specific cause by age and sex. This table reveals the greater proportions of males than females dying from injuries of nearly all kinds. The overall male injury death rate was 87.8 in Colorado in 1987, over twice as high as the female rate of 35.9. Males accounted for 70.8 percent of all injury deaths in 1987.

By specific type, deaths from accidents and adverse effects (unintentional injuries) made up 60 percent of all Colorado injury deaths in 1987. Accidents claimed 1,226 lives, for a rate of 36.8. Of these, 616 deaths were from motor vehicle accidents. The motor vehicle accident death rate was 18.5. There were 610 deaths and a rate of 18.3 for all other accidents. Suicides totaled 561, for a rate of 16.8. Homicides totaled 204, for a rate of 6.1. Last, there were 67 deaths from injuries of undetermined intent, at a rate of 2.0.

Accidents and Adverse Effects - Colorado's accident death rate of 36.8 in 1987 represents the lowest ever in the state. The U.S. accident death rate was slightly higher at 39.1. Age-adjusted death rates for Colorado and the nation have been comparable over time.

Accident death rates were highest among those aged 55 and older in 1987, with rates increasing with age. Accident death rates also were relatively higher among ages 15-24 and among infants. Falls represented a larger proportion of deaths to the elderly, while motor vehicle accidents were responsible for higher rates among adolescents and young adults.

Of the total 660 motor vehicle accident deaths in 1987, 454 were to motor vehicle occupants, 77 were to pedestrians, and 57 were to motorcyclists. There were 202 Colorado resident deaths from falls in 1987, 84 from poisoning (including 20 from gases and vapors, 19 from local anesthetics, primarily cocaine, 9 from alcohol, and 7 from opiates), 55 from drowning, 24 from aircraft accidents, 22 from fire and burns, 16 from firearms, and 16 from excessive cold.

Suicide - A historical trend of higher suicide rates in Colorado (and the Rocky Mountain Region) than in the United States as a whole continued in 1987. Colorado's suicide rate of 16.8 was one-third higher than the U.S. rate of 12.6. Suicide ranks as the seventh leading cause of death in the state and eighth in the nation.

The Colorado male suicide rate of 27.3 compares with a much lower female rate of 6.5 in 1987. Suicide rates were highest among elderly males, with rates of 68.4 for ages 75-84 and 59.8 for ages 65-74. Suicide rates in Colorado generally are higher among all age-and-sex groups than in the United States as a whole.

Suicide among older teens aged 15-19 decreased in 1987 after four years of increasing rates. There were 23 suicides among Colorado teens in this age group, for a rate of 9.0. Among younger teens aged 10-14, however, there were 10 suicides in 1987, the highest number ever.

Homicide and Legal Intervention - Colorado's resident homicide rate of 6.1 in 1987 compares with a U.S. rate of 8.7. Age-adjusted death rates for the state also have been lower over time. As with other injury deaths, homicide rates are higher for males than females. In 1987, the homicide death rate for males was 8.3 and that for females was 3.9.

Homicide rates were higher among infants in the state than among any other age group. With a rate of 10.3, the infant homicide rate was marginally higher than that for ages 25-34 at 9.7. Homicides represented 4.6 percent of total Colorado black deaths in 1987, compared with 2.9 percent of white Hispanic deaths and 0.7 percent of white non-Hispanic deaths.

Underlying cause-of-death statistics report the circumstances of the accident or violence that produced the fatal injury. Thus all International Classification of Disease codes and categories used in this discussion have been for external causes of death, rather than the actual injuries (e.g. fractures, open wounds) involved. Information on the nature of injuries reported on death certificates does exist, however, and offers a means of assessing the types of injuries suffered in comparison to the external circumstances that caused them. Table 63 presents the nature of injuries as contributory causes of death, crosstabulated with underlying cause of death for Colorado residents in 1987.

In the International Classification of Disease system used for coding death certificate entries, nature-of-injury codes (N-codes) are differentiated from external-cause-of-death codes (E-codes). As the table shows, a total of 2,668 deaths had injuries reported. Injuries reported most often included the effects of poisoning (589 mentions), intracranial injuries (638), open wounds (486), fractures, dislocations, sprains, and strains (426), and traumatic complications with unspecified injuries (398).

Nearly half of all motor vehicle accident deaths had head injuries (excluding skull fractures) reported. Forty percent of motor vehicle accident deaths reported traumatic complications, and forty percent had internal injuries reported. Open wounds were reported for 53.7 percent of suicides, followed by the effects of poisoning in 43.7 percent. Open wounds were reported for 72.5 percent of homicides.

Table 64 shows Colorado resident injury deaths by cause by place of injury in 1987. Despite about 20 percent of injury deaths not having place of death mentioned on the death certificate, the primacy of the home as the place of injury in non-transportation accident deaths is evident.

Table 62. Deaths from Selected Injury Causes by Age and Sex: Colorado Residents, 1987

External Cause of Death	ICD9 E-Code		Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
All Injuries (Total)	800-999	T	2,058	20	43	40	35	153	210	454	307	174	179	160	156	127
		M	1,457	10	31	25	28	105	172	343	224	124	127	118	89	61
		F	601	10	12	15	7	48	38	111	83	50	52	42	67	66
Unintentional injuries (Total)	800-949	T	1,226	12	38	37	24	111	109	236	144	72	100	99	123	121
		M	823	5	27	23	18	75	90	177	105	53	69	64	62	55
		F	403	7	11	14	6	36	19	59	39	19	31	35	61	66
Transportation (Total)	800-848	T	660	5	17	27	15	86	78	154	85	46	56	45	28	18
		M	450	2	11	15	9	55	63	111	53	36	39	29	17	10
		F	210	3	6	12	6	31	15	43	32	10	17	16	11	8
Motor Vehicle-Traffic (Total)	810-819	T	599	5	15	25	14	81	73	139	75	39	50	39	26	18
		M	403	2	10	15	8	53	58	100	44	30	33	24	16	10
		F	196	3	5	10	6	28	15	39	31	9	17	15	10	8
Motor Vehicle-Train	810	T	3	0	0	0	0	1	0	0	2	0	0	0	0	0
		M	2	0	0	0	0	1	0	0	1	0	0	0	0	0
		F	1	0	0	0	0	0	0	0	1	0	0	0	0	0
Motor Vehicle Occupant	810-819 (.0,.1,.9)	T	454	5	9	12	8	70	52	108	61	28	39	33	20	9
		M	296	2	6	5	4	44	40	77	33	21	27	20	13	4
		F	158	3	3	7	4	26	12	31	28	7	12	13	7	5
Motorcyclist	810-819 (.2,.3)	T	57	0	0	0	0	8	15	17	10	2	4	1	0	0
		M	47	0	0	0	0	7	12	14	8	1	4	1	0	0
		F	10	0	0	0	0	1	3	3	2	1	0	0	0	0
Bicyclist	810-819 (.6)	T	11	0	0	4	3	0	1	3	0	0	0	0	0	0
		M	8	0	0	3	3	0	1	1	0	0	0	0	0	0
		F	3	0	0	1	0	0	0	2	0	0	0	0	0	0
Pedestrian	810-819 (.7)	T	77	0	6	9	3	3	5	11	4	9	7	5	6	9
		M	52	0	4	7	1	2	5	8	3	8	2	3	3	6
		F	25	0	2	2	2	1	0	3	1	1	5	2	3	3
Pedestrian-Nontraffic	822.7	T	4	0	1	1	0	0	0	0	0	0	0	0	2	0
		M	1	0	0	0	0	0	0	0	0	0	0	0	1	0
		F	3	0	1	1	0	0	0	0	0	0	0	0	1	0
Pedestrian-Train	805.2	T	3	0	0	0	0	1	0	0	2	0	0	0	0	0
		M	3	0	0	0	0	1	0	0	2	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aircraft	840-845	T	24	0	0	0	0	0	0	6	7	5	4	2	0	0
		M	21	0	0	0	0	0	0	4	7	5	4	1	0	0
		F	3	0	0	0	0	0	0	2	0	0	0	1	0	0
Drowning (Total)	830,832,910	T	55	2	10	7	2	3	4	12	5	1	2	4	2	1
		M	42	2	7	7	2	2	3	8	5	0	2	3	1	0
		F	13	0	3	0	0	1	1	4	0	1	0	1	1	1
Boat-Related	830,832	T	10	0	0	0	0	1	0	4	0	1	1	3	0	0
		M	7	0	0	0	0	0	0	3	0	0	1	3	0	0
		F	3	0	0	0	0	1	0	1	0	1	0	0	0	0
Non-Boat	910	T	45	2	10	7	2	2	4	8	5	0	1	1	2	1
		M	35	2	7	7	2	2	3	5	5	0	1	0	1	0
		F	10	0	3	0	0	0	1	3	0	0	0	1	1	1
Recreational	910 (.0,.1,.2)	T	6	0	0	0	0	0	2	2	2	0	0	0	0	0
		M	5	0	0	0	0	0	2	1	2	0	0	0	0	0
		F	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Bathtub	910.4	T	6	1	1	1	0	0	0	2	1	0	0	0	0	0
		M	5	1	1	1	0	0	0	1	1	0	0	0	0	0
		F	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Poisoning (Total)	850-869	T	84	0	1	0	0	10	6	19	27	4	8	2	6	1
		M	61	0	1	0	0	8	4	14	22	1	7	0	3	1
		F	23	0	0	0	0	2	2	5	5	3	1	2	3	0
Solids/Liquids (Total)	850-866	T	64	0	0	0	0	3	4	18	24	3	6	2	3	1
		M	46	0	0	0	0	3	2	13	19	1	5	0	2	1
		F	18	0	0	0	0	0	2	5	5	2	1	2	1	0
Opiates	850.0	T	7	0	0	0	0	0	0	2	5	0	0	0	0	0
		M	5	0	0	0	0	0	0	1	4	0	0	0	0	0
		F	2	0	0	0	0	0	0	1	1	0	0	0	0	0

External Cause of Death	ICD9 E-Code		Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Barbiturates	851	T	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tranquilizers	853	T	1	0	0	0	0	0	0	1	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Local Anesthetics Including Cocaine	855.2	T	19	0	0	0	0	0	3	9	7	0	0	0	0	0
		M	16	0	0	0	0	0	2	8	6	0	0	0	0	0
		F	3	0	0	0	0	0	1	1	1	0	0	0	0	0
Alcohol	860	T	9	0	0	0	0	1	1	2	2	1	2	0	0	0
		M	8	0	0	0	0	1	0	2	2	1	2	0	0	0
		F	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Gas/Vapor (Total)	867-869	T	20	0	1	0	0	7	2	1	3	1	2	0	3	0
		M	15	0	1	0	0	5	2	1	3	0	2	0	1	0
		F	5	0	0	0	0	2	0	0	0	1	0	0	2	0
Motor Vehicle Exhaust	868.2	T	6	0	0	0	0	2	1	1	1	0	0	0	1	0
		M	6	0	0	0	0	2	1	1	1	0	0	0	1	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls (Total)	880-888	T	202	0	0	1	1	2	6	13	10	5	20	19	53	72
		M	112	0	0	0	1	1	6	9	9	3	14	12	26	31
		F	90	0	0	1	0	1	0	4	1	2	6	7	27	41
Stairs	880	T	10	0	0	0	0	0	0	0	0	0	1	3	4	2
		M	3	0	0	0	0	0	0	0	0	0	0	1	2	0
		F	7	0	0	0	0	0	0	0	0	0	1	2	2	2
Ladder/Scaffold	881	T	8	0	0	0	0	0	0	1	2	0	4	0	1	0
		M	8	0	0	0	0	0	0	1	2	0	4	0	1	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Building/Structure	882	T	9	0	0	0	0	0	3	1	1	0	2	1	1	0
		M	7	0	0	0	0	0	3	1	1	0	2	0	0	0
		F	2	0	0	0	0	0	0	0	0	0	0	1	1	0
Different Level	884	T	34	0	0	1	1	1	3	8	3	0	4	0	3	10
		M	21	0	0	0	1	0	3	6	3	0	3	0	2	3
		F	13	0	0	1	0	1	0	2	0	0	1	0	1	7
Same Level	885	T	12	0	0	0	0	0	0	0	1	1	0	1	6	3
		M	6	0	0	0	0	0	0	0	0	1	0	1	2	2
		F	6	0	0	0	0	0	0	0	1	0	0	0	4	1
Other/Unspecified	883,886-888	T	129	0	0	0	0	1	0	3	3	4	9	14	38	57
		M	67	0	0	0	0	1	0	1	3	2	5	10	19	26
		F	62	0	0	0	0	0	0	2	0	2	4	4	19	31
Fires and Burns (Total)	890-899,924	T	22	0	1	0	1	0	2	4	0	1	1	7	2	3
		M	14	0	0	0	1	0	2	4	0	1	0	4	1	1
		F	8	0	1	0	0	0	0	0	0	0	1	3	1	2
Fires/Burns Excluding Scalds	890-899	T	21	0	1	0	1	0	2	4	0	1	1	6	2	3
		M	13	0	0	0	1	0	2	4	0	1	0	3	1	1
		F	8	0	1	0	0	0	0	0	0	0	1	3	1	2
Housefires	890	T	10	0	1	0	1	0	2	1	0	0	1	2	0	2
		M	6	0	0	0	1	0	2	1	0	0	0	1	0	1
		F	4	0	1	0	0	0	0	0	0	0	1	1	0	1
Clothing Ignition	893	T	4	0	0	0	0	0	0	0	0	0	0	1	2	1
		M	2	0	0	0	0	0	0	0	0	0	0	1	1	0
		F	2	0	0	0	0	0	0	0	0	0	0	0	1	1
Scalds/Caustic Substances/Hot Objects	924	T	1	0	0	0	0	0	0	0	0	0	0	1	0	0
		M	1	0	0	0	0	0	0	0	0	0	0	1	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Unintentional																
Firearm	922	T	15	0	0	1	1	5	3	2	1	0	1	1	0	0
		M	14	0	0	0	1	5	3	2	1	0	1	1	0	0
		F	1	0	0	1	0	0	0	0	0	0	0	0	0	0

Table 62, Continued.

External Cause of Death	ICD9 E-Code		Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Excessive Heat	900	T	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Excessive Cold	901	T	16	0	0	0	0	2	1	1	1	4	1	1	3	2
		M	14	0	0	0	0	2	1	1	1	3	1	1	2	2
		F	2	0	0	0	0	0	0	0	0	1	0	0	1	0
Exposure, Neglect	904	T	4	1	0	0	0	0	0	0	1	0	0	0	1	1
		M	1	0	0	0	0	0	0	0	1	0	0	0	0	0
		F	3	1	0	0	0	0	0	0	0	0	0	0	1	1
Lightning	907	T	3	0	0	0	0	1	1	1	0	0	0	0	0	0
		M	2	0	0	0	0	0	1	1	0	0	0	0	0	0
		F	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Natural Disaster	908-909	T	9	0	0	0	0	0	0	6	2	0	0	1	0	0
		M	8	0	0	0	0	0	0	5	2	0	0	1	0	0
		F	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Aspiration-Food	911	T	16	1	1	0	0	0	0	0	0	2	2	2	4	4
		M	11	0	1	0	0	0	0	0	0	2	2	2	1	3
		F	5	1	0	0	0	0	0	0	0	0	0	0	3	1
Aspiration-Nonfood	912	T	24	0	2	0	0	0	0	0	1	1	4	5	6	5
		M	10	0	1	0	0	0	0	0	0	0	1	3	3	2
		F	14	0	1	0	0	0	0	0	1	1	3	2	3	3
Suffocation	913	T	16	1	2	0	2	1	1	3	3	2	1	0	0	0
		M	14	0	2	0	2	0	1	3	3	2	1	0	0	0
		F	2	1	0	0	0	1	0	0	0	0	0	0	0	0
Struck by Falling Object	916	T	15	0	1	0	2	0	2	4	2	1	1	2	0	0
		M	14	0	1	0	2	0	2	3	2	1	1	2	0	0
		F	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Collision with Object or Person	917	T	4	0	0	0	0	0	0	2	0	0	1	0	0	1
		M	3	0	0	0	0	0	0	2	0	0	0	0	0	1
		F	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Caught/Crushed	918	T	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery	919	T	13	0	0	0	0	0	1	4	1	3	1	2	1	0
		M	13	0	0	0	0	0	1	4	1	3	1	2	1	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutting/Piercing	920	T	1	0	0	0	0	0	0	1	0	0	0	0	0	0
		M	1	0	0	0	0	0	0	1	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Explosion	923	T	5	0	0	0	0	1	2	0	0	0	0	1	0	1
		M	4	0	0	0	0	1	2	0	0	0	0	1	0	0
		F	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Electric Current	925	T	12	1	0	0	0	0	0	7	3	0	0	1	0	0
		M	11	1	0	0	0	0	0	7	3	0	0	0	0	0
		F	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Intentional Injuries (Total)	950-969	T	765	6	3	3	10	41	97	198	141	99	72	58	31	6
		M	591	4	3	2	9	30	80	153	103	68	54	52	26	6
		F	175	2	0	1	1	11	17	45	38	31	18	6	5	0
Suicide (Total)	950-959	T	561	0	0	0	10	23	65	136	98	79	63	54	28	5
		M	453	0	0	0	9	17	57	112	77	57	47	48	24	5
		F	108	0	0	0	1	6	8	24	21	22	16	6	4	0
Firearm	955	T	304	0	0	0	3	13	33	69	41	43	41	38	20	3
		M	254	0	0	0	3	11	28	58	31	35	33	35	17	3
		F	50	0	0	0	0	2	5	11	10	8	8	3	3	0
Non-Firearm (Total)	950-954, 956-959	T	257	0	0	0	7	10	32	67	57	36	22	16	8	2
		M	199	0	0	0	6	6	29	54	46	22	14	13	7	2
		F	58	0	0	0	1	4	3	13	11	14	8	3	1	0

External Cause of Death	ICD9 E-Code		Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Poison Solids/Liquids	950	T	61	0	0	0	0	1	5	16	15	11	7	4	2	0
		M	34	0	0	0	0	0	4	9	9	3	4	3	2	0
		F	27	0	0	0	0	1	1	7	6	8	3	1	0	0
Motor Vehicle Exhaust	952.0	T	113	0	0	0	0	5	9	29	31	20	11	5	2	1
		M	89	0	0	0	0	3	7	23	26	14	8	5	2	1
		F	24	0	0	0	0	2	2	6	5	6	3	0	0	0
Hanging/Strangulation/Suffocation	953	T	65	0	0	0	6	4	17	17	7	2	3	5	3	1
		M	60	0	0	0	6	3	17	17	7	2	2	3	2	1
		F	5	0	0	0	0	1	0	0	0	0	1	2	1	0
Drowning	954	T	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		M	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cutting/Piercing	956	T	1	0	0	0	0	0	0	0	0	1	0	0	0	0
		M	1	0	0	0	0	0	0	0	0	1	0	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jumping	957	T	6	0	0	0	1	0	1	2	1	0	0	0	1	0
		M	5	0	0	0	0	0	1	2	1	0	0	0	1	0
		F	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Homicide (Total)	960-969	T	196	6	3	3	0	18	30	58	43	20	7	4	3	1
		M	130	4	3	2	0	13	21	37	26	11	6	4	2	1
		F	66	2	0	1	0	5	9	21	17	9	1	0	1	0
Firearm	965	T	101	0	1	1	0	9	18	34	23	9	1	3	2	0
		M	79	0	1	1	0	8	15	25	17	7	1	3	1	0
		F	22	0	0	0	0	1	3	9	6	2	0	0	1	0
Non-Firearm	960-964, 966-969	T	95	6	2	2	0	9	12	24	20	11	6	1	1	1
		M	51	4	2	1	0	5	6	12	9	4	5	1	1	1
		F	44	2	0	1	0	4	6	12	11	7	1	0	0	0
Cutting/Stabbing	966	T	46	0	0	0	0	3	6	10	14	7	4	1	1	0
		M	31	0	0	0	0	3	4	6	9	4	3	1	1	0
		F	15	0	0	0	0	0	2	4	5	3	1	0	0	0
Strangulation	963	T	21	4	0	0	0	3	4	6	3	0	0	0	0	1
		M	5	3	0	0	0	0	0	1	0	0	0	0	0	1
		F	16	1	0	0	0	3	4	5	3	0	0	0	0	0
Other	960-962,964, 967-969	T	28	2	2	2	0	3	2	8	3	4	2	0	0	0
		M	15	1	2	1	0	2	2	5	0	0	2	0	0	0
		F	13	1	0	1	0	1	0	3	3	4	0	0	0	0
Non-Firearm	960-964, 965-969	T	196	6	3	3	0	18	30	58	43	20	7	4	3	1
		M	130	4	3	2	0	13	21	37	26	11	6	4	2	1
		F	66	2	0	1	0	5	9	21	17	9	1	0	1	0
Legal Intervention-Firearm	970	T	8	0	0	0	0	0	2	4	0	0	2	0	0	0
		M	8	0	0	0	0	0	2	4	0	0	2	0	0	0
		F	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Undetermined Intent (Total)	980-989	T	67	2	2	0	1	1	4	20	22	3	7	3	2	0
		M	43	1	1	0	1	0	2	13	16	3	3	2	1	0
		F	24	1	1	0	0	1	2	7	6	0	4	1	1	0
Firearm	985	T	2	0	0	0	0	0	1	1	0	0	0	0	0	0
		M	1	0	0	0	0	0	0	1	0	0	0	0	0	0
		F	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Poison Solid/Liquid	980	T	33	0	0	0	0	0	2	8	18	2	3	0	0	0
		M	22	0	0	0	0	0	2	4	13	2	1	0	0	0
		F	11	0	0	0	0	0	0	4	5	0	2	0	0	0
Motor Vehicle Exhaust	982.0	T	5	0	0	0	0	0	0	1	2	0	0	2	0	0
		M	4	0	0	0	0	0	0	1	2	0	0	1	0	0
		F	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Hanging/Strangulation/ Suffocation	983	T	2	0	0	0	1	0	0	0	0	0	1	0	0	0
		M	1	0	0	0	1	0	0	0	0	0	0	0	0	0
		F	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Drowning	984	T	5	0	0	0	0	1	0	3	0	0	1	0	0	0
		M	3	0	0	0	0	0	0	3	0	0	0	0	0	0
		F	2	0	0	0	0	1	0	0	0	0	1	0	0	0

Table 63. Nature of Injuries Reported on Death Certificates as Contributory Causes or Other/Significant Conditions by Selected Underlying Cause Categories: Colorado Residents, 1987

Nature of Injury	ICD9 N-Code	Underlying Cause of Death											
		All Causes		All Diseases (001-799)		Motor Vehicle Accidents (E810-E825)		Non-Transportation Accidents (E850-E949)		Suicide (E950-E959)		Homicide, Legal Intervention (E960-E978)	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Injuries and Poisonings	800-999	2,668	12.7	613	3.2	614	99.7	566	100.0	561	100.0	203	99.5
Fractures, Dislocations, Sprains, Strains	800-848	426	2.0	117	0.6	143	23.2	137	24.2	13	2.3	5	2.5
Intracranial Injury, Excl. Skull Fracture	850-854	638	3.0	8	0.0	306	49.7	101	17.8	149	26.6	46	22.5
Internal Injury of Chest, Abdomen, Pelvis	860-869	370	1.8	3	0.0	241	39.1	41	7.2	25	4.5	50	24.5
Open Wound	870-897	486	2.3	2	0.0	11	1.8	21	3.7	301	53.7	148	72.5
Injury to Blood Vessels	900-904	47	0.2	1	0.0	28	4.5	3	0.5	5	0.9	10	4.9
Late Effects of Injury, Poisoning	905-909	58	0.3	38	0.2	0	0.0	17	3.0	1	0.2	1	0.5
Superficial Injury, Contusion	910-929	26	0.1	2	0.0	12	1.9	10	1.8	0	0.0	1	0.5
Effects of Foreign Body Entering through Orifice	930-939	191	0.9	137	0.7	7	1.1	47	8.3	0	0.0	0	0.0
Burns	940-949	28	0.1	1	0.0	6	1.0	14	2.5	3	0.5	2	1.0
Injury to Nerves, Spinal Cord	950-957	26	0.1	1	0.0	17	2.8	4	0.7	1	0.2	2	1.0
Traumatic Complications, Unspecified Injuries	958-959	398	1.9	7	0.0	247	40.1	84	14.8	10	1.8	28	13.7
Poisoning, Effects of External Causes	960-995	589	2.8	33	0.2	12	1.9	210	37.1	245	43.7	25	12.3
Complications of Medical Care	996-999	322	1.5	275	1.4	1	0.2	45	8.0	1	0.2	0	0.0
Total Deaths		21,089	-	19,031	-	616	-	566	-	561	-	204	-

Columns will not add to total deaths because more than one nature-of-injury category may be reported for the same death. Rows will not add to total for "All Causes" because some underlying cause categories are excluded.

Table 64. Deaths from Selected Injury Causes by Place of Incident: Colorado Residents, 1987

External Cause	ICD9 E-Code	Total	Place									
			Home	Farm, Ranch	Mine, Quarry	Industrial Site	Recreation Site	Street, Highway, Sidewalk	Public Bldg	Resident Institution	Other Specified Place	Unspecified or Unknown
All Injuries (Total)	800-999	2,058	737	23	2	13	50	588	58	46	135	406
Unintentional Injuries (Total)	800-949	1,226	181	16	2	12	40	528	21	33	74	319
Transportation (Total)	800-848	660	8	3	0	1	11	513	6	0	31	87
Motor Vehicle-Traffic (Total)	810-819	599	5	0	0	1	0	504	0	0	9	80
Motor Vehicle-Train	810	3	0	0	0	0	0	3	0	0	0	0
Motor Vehicle Occupant	810-819 (.0,.1,.9)	454	1	0	0	1	0	370	0	0	6	76
Motorcyclist	810-819 (.2,.3)	57	0	0	0	0	0	55	0	0	1	1
Bicyclist	810-819(.6)	11	0	0	0	0	0	11	0	0	0	0
Pedestrian	810-819(.7)	77	4	0	0	0	0	68	0	0	2	3
Pedestrian-Nontraffic	822.7	4	2	0	0	0	0	0	0	0	2	0
Pedestrian-Train	805.2	3	0	0	0	0	0	2	0	0	0	1
Aircraft	840-845	24	1	1	0	0	1	0	6	0	10	5
Drowning (Total)	830,832,910	55	15	3	0	1	13	1	0	1	14	7
Boat-related	830,832	10	0	0	0	0	6	0	0	0	3	1
Non-Boat	910	45	15	3	0	1	7	1	0	1	11	6
Recreational	910 (.0,.1,.2)	6	0	0	0	0	1	0	0	0	4	1
Bathtub	910.4	6	5	0	0	0	0	0	0	0	0	1
Poisoning (Total)	850-869	84	40	1	0	0	2	0	4	2	2	33
Solids/Liquids (Total)	850-866	64	25	1	0	0	1	0	2	2	2	31
Opiates	850.0	7	3	0	0	0	0	0	0	0	0	4
Barbiturates	851	0	0	0	0	0	0	0	0	0	0	0
Tranquilizers	853	1	0	0	0	0	0	0	0	0	0	1
Local Anesthetics Including Cocaine	855.2	19	10	1	0	0	1	0	2	0	0	5
Alcohol	860	9	3	0	0	0	0	0	0	0	1	5
Gas/Vapor (Total)	867-869	20	15	0	0	0	1	0	2	0	0	2
Motor Vehicle Exhaust	868.2	6	5	0	0	0	0	0	0	0	0	1
Falls (Total)	880-888	202	55	1	0	1	6	3	6	24	12	94
Stairs	880	10	7	0	0	0	0	0	0	0	0	3
Ladder/Scaffold	881	8	5	1	0	0	0	0	1	1	0	0
Building/Structure	882	9	4	0	0	0	0	0	1	0	2	2
Different Level	884	34	2	0	0	0	4	1	1	4	9	13
Same Level	885	12	5	0	0	0	1	2	0	0	0	4
Other/Unspecified	883,886-888	129	32	0	0	1	1	0	3	19	1	72
Fires and Burns (Total)	890-899,924	22	16	1	0	0	1	1	2	0	0	1
Fires/Burns Excluding Scalds	890-899	21	15	1	0	0	1	1	2	0	0	1
Housefires	890	10	10	0	0	0	0	0	0	0	0	0
Clothing Ignition	893	4	3	0	0	0	0	1	0	0	0	0
Scalds/Caustic Substances/Hot Objects	924	1	1	0	0	0	0	0	0	0	0	0
Other Unintentional												
Firearm	922	15	10	0	0	0	0	4	0	0	1	0
Excessive Heat	900	0	0	0	0	0	0	0	0	0	0	0
Excessive Cold	901	16	5	2	0	0	1	0	0	0	2	6
Exposure, Neglect	904	4	1	0	0	0	0	0	0	0	0	3
Lightning	907	3	0	1	0	0	0	0	0	0	1	1
Natural Disaster	908-909	9	1	0	0	0	7	0	0	0	1	0
Aspiration-Food	911	16	2	0	0	0	0	0	0	4	0	10
Aspiration-Nonfood	912	24	0	0	0	0	0	0	0	0	0	24

Table 64, Continued.

External Cause	ICD9 E-Code	Total	Place Home	Farm, Ranch	Mine, Quarry	Industrial Site	Recreation Site	Street, Highway, Sidewalk	Public Bldg	Resident Institution	Other Specified Place	Unspecified or Unknown
Suffocation	913	16	10	0	0	0	1	2	1	1	0	1
Struck by Falling Object	916	15	4	0	2	0	1	2	0	0	4	2
Collision with Object or Person	917	4	0	0	0	0	2	0	0	0	1	1
Caught/Crushed	918	0	0	0	0	0	0	0	0	0	0	0
Machinery	919	13	3	2	0	5	0	0	0	0	2	1
Cutting/Piercing	920	1	0	0	0	0	0	0	0	0	0	1
Explosion	923	5	2	0	0	0	0	0	0	0	3	0
Electric Current	925	12	4	1	0	4	0	1	1	0	1	0
Intentional Injuries (Total)	950-970	765	522	6	0	1	10	56	35	13	60	62
Suicide (Total)	950-959	561	420	6	0	1	9	28	15	12	45	25
Firearm	955	304	235	3	0	0	7	18	11	2	14	14
Non-Firearm (Total)	950-954, 956-959	257	185	3	0	1	2	10	4	10	31	11
Poison Solids/ Liquids	950	61	47	0	0	0	0	1	3	2	5	3
Motor Vehicle Exhaust	952.0	113	82	1	0	1	1	5	0	0	19	4
Hanging/Strangulation/Suffocation	953	65	47	2	0	0	0	0	1	8	4	3
Drowning	954	0	0	0	0	0	0	0	0	0	0	0
Cutting/Piercing	956	1	1	0	0	0	0	0	0	0	0	0
Jumping	957	6	1	0	0	0	1	1	0	0	2	1
Homicide (Total)	960-969	196	100	0	0	0	1	27	18	1	13	36
Firearm	965	101	51	0	0	0	1	16	13	1	8	11
Non-Firearm	960-964, 966-969	95	49	0	0	0	0	11	5	0	5	25
Cutting/Stabbing	966	46	28	0	0	0	0	5	2	0	3	8
Strangulation	963	21	11	0	0	0	0	1	0	0	1	8
Other	960-962,964 967-969	28	10	0	0	0	0	5	3	0	1	9
Legal Intervention - Firearms	970	8	2	0	0	0	0	1	2	0	2	1
Undetermined Intent (Total)	980-989	67	34	1	0	0	0	4	2	0	1	25
Firearm	985	2	1	0	0	0	0	0	1	0	0	0
Poison Solid/Liquid	980	33	20	1	0	0	0	0	1	0	0	11
Motor Vehicle Exhaust	982.0	5	5	0	0	0	0	0	0	0	0	0
Hanging/Strangulation/	983	2	2	0	0	0	0	0	0	0	0	0

Pneumonia and Influenza

These causes of death together killed 901 Coloradans in 1987, for a death rate of 27.0 deaths per 100,000 population. Pneumonia was the cause of 879 of these deaths, and influenza caused 22 deaths.

The U.S. death rate for pneumonia and influenza was 28.8 in 1987. Colorado's age-adjusted death rate for pneumonia and influenza has averaged slightly higher than that for the nation, with the U.S. rate increasing and Colorado's remaining steady. In 1987, the state's age-adjusted pneumonia and influenza death rate was 15.0, compared with the U.S. rate of 13.2 in 1986.

Largely because of larger numbers of women in the oldest age groups dying from pneumonia and influenza, the female death rate in 1987 was higher than that for males, 30.1 compared to 24.0. Rates increase with age for both sexes, but rates for males are higher for all age groups. Among ages 85 and older, the death rates for these causes in 1987 were four times higher than for ages 75-84, the group with the next highest rate.

The type of pneumonia (as established by the organism causing it) was unreported in 749 or 85.2 percent of Colorado pneumonia deaths in 1987. An additional 62 deaths were from bronchopneumonia with the organism unspecified. Pneumococcal pneumonia was identified for 29 deaths, and 31 deaths were from other bacterial pneumonia.

Of the 22 influenza deaths in 1987, 11 were identified with pneumonia and 11 noted other respiratory manifestations.

Other Selected Causes of Death

In addition to the standard leading causes of deaths and causes specified in tables of 72 selected causes, there are other diseases and conditions of special interest that claim the lives of many Coloradans. Information for some of these conditions follow.

Alzheimer's Disease (ICD9 331.0) - In 1987, Alzheimer's disease was the underlying cause of death for 157 Colorado deaths. The death rate for Alzheimer's disease was 4.7 in 1987, and the disease would rank as the fifteenth leading cause if introduced to standard leading-cause groupings. Numbers of deaths attributed to Alzheimer's disease have increased annually, totaling 61 deaths in 1983, 89 in 1984, 119 in 1985, and 141 in 1986. This increase reflects a growing recognition of the impact of the disease. With 78 deaths, half of all Alzheimer's disease deaths occurred among ages 75-84 in 1987. Forty-nine were aged 85 and older, and 21 were aged 65-74.

Parkinson's Disease (332) - There were 93 deaths from Parkinson's disease in Colorado in 1987. Forty-seven deaths were aged 75-84 years, with 26 aged 85 and older and 16 aged 65-74. There were 70 Parkinson's disease deaths to Colorado residents in 1986 and 69 in 1985.

Huntington's Chorea (333.4) - Huntington's chorea claimed the lives of 7 Coloradans in 1987, 2 aged 15-24 and 5 aged 45-64. The disease caused 6 deaths in 1986 and 5 in 1985.

Motor Neurone Disease (335.2) - Including amyotrophic lateral sclerosis (Lou Gehrig's disease), motor neurone disease caused 36 Colorado deaths in 1987. Deaths were evenly distributed by sex and occurred to adults of all ages.

Multiple Sclerosis (340) - Thirty-one Coloradans died in 1987 with multiple sclerosis as the underlying cause. Sixteen deaths were to females and 15 were to males. Deaths ranged in age from the twenties through the nineties. There were 30 multiple sclerosis deaths in 1986 and 29 in 1985.

Muscular Dystrophy and Other Myopathies (359) - Eight Coloradans died from hereditary progressive muscular dystrophy in 1987, 6 of whom were aged between 15 and 29. There was 1 death to an infant from congenital muscular dystrophy. Other myopathies (diseases of the muscles) caused an additional 3 deaths in 1987. These diseases caused 12 deaths in 1986 and 11 deaths in 1985.

Systemic Lupus Erythematosus (710.0) - There were 22 deaths to Colorado residents from systemic lupus erythematosus in 1987, compared to 9 deaths in 1986 and 11 in 1985. Seventeen of the deaths in 1987 were to females and 5 were to males. Decedents ranged in age across adulthood.

Years of Potential Life Lost

With most deaths occurring in older age groups, most death rates are dominated by the disease processes of the elderly. The impact of various causes of death on a population can be interpreted in other ways. An example is the statistic of years of potential life lost (YPLL), which provides a measure of the relative effect of causes of death on premature mortality.

Two frequently used methods for calculating YPLL exist. In the first, YPLL is defined as the number of years of potential life lost by each death occurring before a given point, such as 65 years of age. Table 65 shows YPLL before age 65 for selected causes of death for Colorado residents in 1986 and 1987. Percent distribution of U.S. YPLL in 1985 based on this method are included in Table 65.

An alternative is to calculate YPLL using the total life expectancy for each death. In the life expectancy method for YPLL, the years of life lost by each death is determined by the difference between the age at death and the remaining life expectancy at that age as established by a complete life table. Table 66 shows YPLL for selected causes of death to Colorado residents in 1987 based on the life expectancy method. In both tables, YPLL was calculated by sex and exact age before summation.

YPLL before Age 65 - In 1987, there were 143,821 years of potential life lost before age 65 by Colorado resident deaths from all causes. Unintentional injuries (accidents and adverse effects) were responsible for the greatest number of YPLL, with 21.1 percent of the total.

When considered separately, motor vehicle accident deaths ranked first, followed by malignant neoplasms, heart disease, suicide, perinatal period conditions, all other accidents, congenital anomalies, and homicide. The impact of injuries and conditions apt to kill the very young therefore claim a disproportionate share of premature deaths before age 65. Thirty-five percent of all YPLL to Coloradans before age 65 were from injury deaths in 1987.

YPLL from Life Expectancy - A somewhat different view of YPLL is seen in Table 66. By arriving at YPLL using the life expectancy of each decedent, the relative effects of heart disease and malignant neoplasms are more apparent as they rank first and second. Motor vehicle accident deaths rank third, followed by suicide, all other accidents, perinatal period conditions, and COPD. There was a total of 363,826 YPLL from life expectancy in Colorado in 1987.

YPLL Rates by Sex - Calculation of YPLL rates (per 10,000 population in this report) assist in comparing YPLL from different causes of death over time or across populations. YPLL rates by cause are shown in Table 65 and 66. YPLL rates also can be calculated by age group and by sex.

YPLL before age 65 by Colorado males totaled 93,404 in 1987, for a rate of 563.1. That means males experienced 563.1 YPLL before age 65 for every 10,000 males in the population. There were 50,417 YPLL to Colorado females in 1987, for a rate of 301.4. The ratio of male to female YPLL rates in 1987 was 1.9.

Using the life expectancy method, 202,665 YPLL to males and a rate of 1,221.9 resulted. This compares with 161,159 YPLL to females and a rate of 963.5. With this method, the ratio of male-to-female deaths is smaller at 1.3, indicating a higher concentration of premature death to males earlier in life than among females.

Care should be used in comparing YPLL statistics from different sources because these statistics can be calculated in several ways.

Table 65. Years of Potential Life Lost (YPLL) Before Age 65 from Leading Causes of Deaths: Colorado Residents, 1986 and 1987

Cause of Death	1986 YPLL	 Rank	 Percent	 Rate	1987 YPLL	 Rank	 Percent	 Rate
All Causes	146,793	-	100.0	449.3	143,821	-	100.0	431.7
Accidents (Total Unintentional Injuries)	33,887	(1)	23.1	103.7	30,400	(1)	21.1	91.3
Motor Vehicle	21,421	1	14.6	65.6	18,935	1	13.2	56.8
All Other	12,466	5	8.5	38.2	11,465	6	8.0	34.4
Malignant Neoplasms	19,785	2	13.5	60.6	18,126	2	12.6	54.4
Heart Disease	16,211	3	11.0	49.6	14,101	3	9.8	42.3
Suicide	13,627	4	9.3	41.7	13,351	4	9.3	40.1
Perinatal Conditions	12,214	6	8.3	37.4	13,000	5	9.0	39.0
Congenital Anomalies	7,992	7	5.4	24.5	10,483	7	7.3	31.5
Homicide	7,196	8	4.9	22.0	6,621	8	4.6	19.9
HIV Infection (AIDS)	*	-	*	0.0	3,710	9	2.6	11.1
Chronic Liver Disease and Cirrhosis	2,911	9	2.0	8.9	2,342	10	1.6	7.0
Cerebrovascular Diseases	2,270	10	1.5	6.9	2,274	11	1.6	6.8
Pneumonia and Influenza	2,118	11	1.4	6.5	2,190	12	1.5	6.6
Chronic Obstructive Pulmonary Diseases	1,715	12	1.2	5.2	1,902	13	1.3	5.7
Diabetes Mellitus	1,593	13	1.1	4.9	1,334	14	0.9	4.0
				0.0				0.0
All Other	25,274	-	17.2	77.4	23,987	-	16.7	72.0

YPLL were calculated for each death from age at death (not midpoint of age group interval). HIV infection codes were added to International Classification of Diseases in 1987. Years lost from HIV infection deaths in 1986 are included in "all other." YPLL rate is per 10,000 population.

Table 66. Years of Potential Life Lost (YPLL) Using the Life Expectancy Method for Leading Causes of Death: Colorado Residents, 1987

Cause of Death	YPLL	Rank	Percent	Rate
All Causes	363,826	-	100.0	1,092.2
Heart Disease	75,612	1	20.8	227.0
Malignant Neoplasms	71,440	2	19.6	214.5
Accidents (Total Unintentional Injuries)	44,194	(3	12.1	132.7
Motor Vehicle	26,393	3	7.3	79.2
All Other	17,801	5	4.9	53.4
Suicide	20,123	4	5.5	60.4
Perinatal Conditions	15,282	6	4.2	45.9
Chronic Obstructive Pulmonary Diseases	15,276	7	4.2	45.9
Cerebrovascular Diseases	14,205	8	3.9	42.6
Congenital Anomalies	12,572	9	3.5	37.7
Pneumonia and Influenza	9,273	10	2.5	27.8
Homicide	9,156	11	2.5	27.5
Chronic Liver Disease and Cirrhosis	5,790	12	1.6	17.4
Diabetes Mellitus	5,491	13	1.5	16.5
HIV Infection (AIDS)	5,222	14	1.4	15.7
All Other	60,187	-	16.5	180.7

YPLL were calculated for each death from age at death and expected years of life remaining as presented in Colorado Resident Life Tables, 1987. HIV infection codes were added to International Classification of Diseases in 1987. Years lost from HIV infection deaths in 1986 are included in "all other." YPLL rate is per 10,000 population.

Communicable Diseases

Table 67 shows reported cases and resident deaths from selected notifiable diseases for Colorado for selected years between 1940 and 1987. Reported cases are those reported in the state without regard to residency. Death counts are for Colorado residents dying anywhere in the country. Completeness of reporting for communicable diseases varies, which should be considered when assessing these data.

Table 67. Reported Cases and Resident Deaths from Selected Notifiable Diseases: Colorado, Selected Years, 1940-1987

Disease		1987	1986	1985	1984	1980	1975	1970	1965	1960	1955	1950	1945	1940
Acquired Immunodeficiency Syndrome (AIDS)	Cases	214	152	99	39	0	0	0	0	0	0	0	0	0
	Deaths	133	87	73	35	0	0	0	0	0	0	0	0	0
Botulism	Cases	0	0	0	1	2	0	2	0	0	5	3	0	4
	Deaths	0	0	0	0	0	0	2	1	0	1	1	2	6
Colorado Tick Fever	Cases	72	67	65	77	139	261	72	156	242	223	99	31	68
	Deaths	0	0	0	0	0	0	0	1	0	0	0	0	0
Diptheria	Cases	0	0	1	0	0	1	5	0	3	5	43	284	357
	Deaths	0	0	0	0	0	1	1	0	0	0	0	22	15
Encephalitis	Cases	44	5	25	14	15	37	13	116	50	35	17	8	60
	Deaths	4	6	2	4	3	8	9	12	12	13	11	0	7
Gonorrhea and Other Venereal Disease	Cases	4,529	7,264	8,805	8,748	11,477	11,534	5,801	2,381	1,563	1,391	1,190	2,755	1,246
	Deaths	0	0	0	0	1	0	0	0	1	2	0	4	1
Hepatitis A	Cases	433	208	369	588	834	248	1,017	403	1,177	528	0	0	0
	Deaths	0	1	0	0	10	7	14	9	14	3	5	2	0
Hepatitis B	Cases	263	265	275	278	235	144	0	0	0	0	0	0	0
	Deaths	-	0	0	0	0	0	0	0	0	0	0	0	0
Influenza-Like Illness	Cases	-	23,216	19,460	17,305	30,257	9,586	5,669	1,293	21,606	1,674	2,546	3,491	1,544
	Deaths	22	30	48	17	29	41	44	24	61	20	58	119	151
Malaria	Cases	12	13	23	11	36	2	348	5	0	4	2	846	3
	Deaths	0	0	0	0	0	2	0	1	0	0	0	0	0
Measles	Cases	9	11	15	6	12	1,173	295	6,027	6,749	5,082	5,431	[illegible]	,526
	Deaths	0	0	0	0	0	2	0	3	5	6	9	[illegible]	15
Meningococcal Infection	Cases	34	22	30	31	29	11	19	30	18	60	28	[illegible]	11
	Deaths	0	4	5	0	2	4	9	7	4	12	10	[illegible]	3
Mumps	Cases	34	17	28	31	68	689	1,677	2,199	4,249	3,789	2,332	2,155	6,132
	Deaths	0	0	0	0	1	0	0	0	0	2	0	4	1
Pertussis	Cases	86	84	110	49	29	18	83	98	448	599	1,134	1,672	893
	Deaths	0	1	0	0	0	0	0	0	0	3	5	25	33
Poliomyelitis	Cases	0	0	0	0	1	0	1	1	21	223	205	146	40
	Deaths	0	0	0	0	0	0	0	1	0	6	8	14	12
Rheumatic Fever	Cases	6	8	9	19	9	33	61	76	275	102	128	223	0
	Deaths	0	2	0	0	0	0	2	5	5	28	27	19	17
Rocky Mountain Spotted Fever	Cases	1	3	2	1	5	1	3	9	6	6	17	13	11
	Deaths	0	0	0	0	0	0	0	0	0	1	1	1	1
Salmonellosis	Cases	572	471	537	508	564	716	305	218	180	79	8	7	9
	Deaths	1	0	1	0	21	0	1	1	0	1	0	0	0
Shigellosis	Cases	286	258	209	380	390	501	100	259	238	131	25	16	90
	Deaths	0	1	0	0	0	1	0	3	4	2	4	5	3
Syphilis	Cases	335	240	362	301	426	314	272	583	153	278	755	2,398	3,132
	Deaths	1	1	2	3	2	2	5	22	30	18	50	74	89
Tetanus	Cases	0	0	0	0	0	0	0	2	1	0	0	0	3
	Deaths	0	0	0	0	0	0	0	0	1	1	2	0	6
Tuberculosis	Cases	94	87	106	95	135	220	362	558	746	1,144	1,586	669	565
	Deaths	16	12	12	5	13	31	34	61	76	116	208	362	457
Typhoid Fever	Cases	0	1	5	5	7	2	4	1	1	16	23	50	79
	Deaths	0	0	0	0	0	0	0	0	0	0	0	8	9

Reported case data are from the Disease Control and Environmental Epidemiology Division of the Colorado Department of Health and represent cases reported in Colorado. Death data represent Colorado resident deaths with the named disease as the underlying cause of death from the death certificate. Death counts are not a subgroup of reported cases. Completeness of case reporting varies among notifiable diseases. AIDS death counts prior to 1987 are deaths among Colorado reported cases as provided by the Sexually Transmitted Disease and AIDS Control Unit of the Colorado Department of Health. AIDS death counts for 1987 are deaths to Colorado residents, comparable to death data for other causes. Death counts for Hepatitis B are not shown because deaths in which Hepatitis B is a contributing factor usually are coded to other underlying conditions.

Acquired Immunodeficiency Syndrome (AIDS)

Changes in cause-of-death codes and coding procedures for AIDS and human immunodeficiency virus (HIV) infections effective January 1, 1987, marked the first time that AIDS death data comparable to those for other causes of death could be compiled. In 1987, a total of 133 Colorado resident deaths occurred with HIV infections as the underlying cause, for a death rate of 4.0 deaths per 100,000 population.

Table 68 shows selected characteristics of deaths with AIDS (or HIV infection) mentioned on the death certificate in 1987. Both Colorado resident deaths and deaths to non-residents in the state are included. Of the total 144 deaths with AIDS mentioned, 136 (94.4 percent) were males, 120 (78.5 percent) were non-Hispanic whites, 133 (92.4 percent) were not married at the time of death, and 101 (70.1 percent) were residents of the Denver metro area.

Males in their thirties made up nearly 4 in 10 of the deaths, followed by equal proportions of men in their twenties and forties. Of the 8 female deaths, 4 were in their thirties. There was 1 death to a person younger than 10 years of age. Categories for HIV infections have been added to all appropriate tables in this report.

Table 68. Selected Characteristics of Acquired Immunodeficiency Syndrome (AIDS) Deaths as Reported on Death Certificates: Colorado Residence or Occurrence, 1987

Characteristics	Total	Male by Age						Female by Age				
		Total	0-9	20-29	30-39	40-49	50+	Total	20-29	30-39	40-49	50+
Total	144	136	1	32	55	33	15	8	1	4	1	2
Race/Spanish Origin												
White/Non-Hispanic	120	113	1	25	41	31	15	7	1	3	1	2
White/Hispanic Origin	16	16	0	5	9	2	0	0	0	0	0	0
Black	8	7	0	2	5	0	0	1	0	1	0	0
Marital Status												
Single	110	108	1	28	51	24	4	2	0	2	0	0
Married	11	8	0	1	1	3	3	3	1	1	0	1
Divorced	21	19	0	3	3	6	7	2	0	1	1	0
Widowed	2	1	0	0	0	0	1	1	0	0	0	1
Resident Deaths by County or Region of Residence												
1. Denver County	68	67	0	11	32	19	5	1	0	1	0	0
2. Jefferson County	17	16	0	4	7	2	3	1	1	0	0	0
3. Boulder County	10	8	0	3	1	1	3	2	0	1	0	1
4. Adams County	6	6	0	0	4	2	0	0	0	0	0	0
5. Arapahoe County	10	8	0	3	1	1	3	2	0	1	0	1
6. El Paso County	6	6	0	3	1	2	0	0	0	0	0	0
7. Larimer County	5	5	0	3	1	1	0	0	0	0	0	0
8. Pueblo County	4	3	0	1	1	1	0	1	0	0	1	0
9. Weld County	3	3	0	1	0	2	0	0	0	0	0	0
10. Northwest Region	1	0	0	0	0	0	0	1	0	0	0	1
11. Western Region	1	1	0	0	1	0	0	0	0	0	0	0
12. Eastern Region	2	2	0	1	0	1	0	0	0	0	0	0
13. Central Region	2	2	0	1	1	0	0	0	0	0	0	0
14. Southern Region	4	4	1	2	1	0	0	0	0	0	0	0
Non-Residents Who Died in Colorado	5	5	0	1	2	0	2	0	0	0	0	0

Counts include all deaths with AIDS or HIV infection mentioned as a cause of death on death certificate.

Maternal Deaths

There were 4 deaths to Colorado resident women from complications of pregnancy, childbirth, and the puerperium in 1987. The number of these maternal deaths has ranged between 1 and 6 deaths since 1978, which represents dramatic improvements in mortality from earlier in the century. An indication of this improvement can be seen in the maternal mortality rate in 1987, which was 0.7 deaths per 10,000 live births. The rate in 1987 represents a 98.3 percent decline from the rate of 41.1 in 1940.

Table 69 shows maternal deaths and maternal mortality rates for Colorado and the United States for selected years between 1940 and 1987. The U.S. maternal mortality rate was 0.7 in 1986, the most recent year for which information is available. The state's rate generally has been comparable to that for the nation since 1970.

Two of the four Colorado maternal deaths in 1987 were from hypertension complicating the pregnancy, childbirth, or puerperium. One death was from antepartum hemmorhage, abruptio placenta, or placenta praevia, and 1 death was from major puerperal infection.

Table 69. Maternal Deaths and Maternal Mortality Rates: Colorado Residents and United States, Selected Years, 1940-1987

Year	Total Live Births	Maternal Deaths Number	Maternal Deaths Rate	U.S. Rate	Year	Total Live Births	Maternal Deaths Number	Maternal Deaths Rate	U.S. Rate
1940	21,416	88	41.1	37.6	1972	38,585	4	1.0	1.9
					1973	38,507	4	1.0	1.5
1950	33,853	30	8.9	8.3	1974	39,036	8	2.0	1.5
					1975	40,148	5	1.2	1.3
1960	42,905	9	2.1	3.7	1976	40,978	2	0.5	1.2
1961	44,648	12	2.7	3.7	1977	43,056	7	1.6	1.1
1962	43,594	9	2.1	3.5	1978	44,063	2	0.5	1.0
1963	42,179	13	3.1	3.6	1979	47,179	3	0.6	0.8
1964	40,537	6	1.5	3.3					
1965	36,851	9	2.4	3.2	1980	49,716	6	1.2	0.7
1966	34,899	4	1.1	2.9	1981	52,104	4	0.8	0.8
1967	35,166	9	2.6	2.8	1982	54,786	6	1.1	0.9
1968	36,842	5	1.4	2.5	1983	54,644	2	0.4	0.8
1969	39,189	6	1.5	2.2	1984	54,339	1	0.2	0.6
					1985	55,115	3	0.5	0.9
1970	41,480	9	2.2	2.2	1986	55,142	1	0.2	0.7
1971	40,360	8	2.0	1.9	1987	53,803	4	0.7	-

Rates are maternal deaths per 10,000 live births. U.S. data are from the National Center for Health Statistics.

Infant Deaths

Colorado infant deaths totaled 527 in 1987, up from 476 in 1986. The infant mortality rate increased to 9.8 infant deaths per 1,000 live births from rates of 8.6 in 1986 and 9.4 in 1985. The U.S. infant mortality rate of 10.0 in 1987 was only marginally higher than that for the state.

The neonatal mortality (death in the first 28 days of life) rate for Colorado in 1987 was 6.0 deaths per 1,000 live births, the highest since 1981. The postneonatal mortality (death between 28 days and 1 year of life) rate was 3.8 deaths per 1,000 live births, higher than the rate of 3.3 in 1986.

Infant mortality rates have ranged between 8.6 and 10.1 in the state since 1980. Table 70 shows infant, neonatal, and postneonatal deaths and mortality rates for Colorado and the nation for selected years between 1910 and 1987. Infant mortality rates since 1960 are depicted in Figure 25 for Colorado and Figure 26 for the United States. Rather static infant mortality rates in recent years contrast sharply with earlier declines throughout the century.

Considerable differences in infant mortality by race can be seen in Table 71, which shows rates by race for Colorado between 1980 and 1987. The overall infant mortality rate for the state is driven largely by the experience of white infants, representing as they do a large majority of births. The average infant mortality rate for total white infants between 1980 and 1987 was 9.5, 9.7 for Spanish surname whites and 9.4 for Anglo (non-Spanish surname) whites. This contrasts with an average rate of 15.7 for black infants. The black infant mortality rate in Colorado averaged over one-and-a-half-times higher than that for whites. Similar discrepancies in infant mortality rates by race appear in the United States as a whole.

Table 72 shows infant deaths by age at death by race in 1987. Over one-third (36.4 percent) of all Colorado infant deaths in 1987 occurred in the first day of life. Half (50.9 percent) died in their first week, and 6 in 10 died in the neonatal period.

Congenital anomalies are the leading cause of infant death, both in Colorado and in the United States. The 131 congenital anomaly deaths in Colorado in 1987 represent one-fourth of all infant deaths. The state's infant mortality rate for congenital anomalies in 1987 was 24.3 per 10,000 live births, compared with the U.S. rate of 22.0 in 1986.

Sudden infant death syndrome (SIDS) as an underlying cause on death certificates killed 117 Colorado infants in 1987, for a rate of 21.7. This rate was higher than the U.S. rate of 14.1 in 1986. The reporting of SIDS may vary from place to place, often reflecting the frequency of autopsies for infants.

Disorders relating to short gestation and unspecified low birth weight caused 32 Colorado infant deaths in 1987, followed by 28 deaths from respiratory distress syndrome and 16 deaths from accidents and adverse effects (unintentional injuries).

Table 73 compares Colorado infant deaths by cause in 1987 with U.S. figures for 1986. Table 74 shows selected causes of infant death in Colorado for the years 1980 through 1987. Cause-of-death counts and rates by race of infant for the state in 1987 appear in Table 75.

Infant mortality rates by birth weight in 1987 are shown in Table 76. Infant mortality rates are highest for the smallest babies, and decrease with higher birth weights until the 4,000-4,499-gram weight group. Infant mortality rates increase among babies with heavier birth weights.

Table 77 presents Colorado infant deaths by trimester in which prenatal care began, age of mother, and race of child for 1987. The proportion of infant deaths to mothers who began prenatal care in the first trimester was slightly lower than that for all live births, 72.2 percent of those with any prenatal care mentioned for infant deaths and 77.6 percent for all live births. Lower percentages of early prenatal care among teen mothers and mothers aged 20-24 for infant deaths also correspond with trends among all live births. However, with prenatal care unknown or not stated for 8.0 percent of infant deaths, care should be used when assessing these data.

Table 70. Infant, Neonatal, and Postneonatal Deaths: Colorado Residents and U.S. Rates, Selected Years, 1910-1987

Year	Total Live Births	Infant Deaths Colorado Number	Infant Deaths Colorado Rate	Infant Deaths U.S. Rate	Neonatal Deaths Colorado Number	Neonatal Deaths Colorado Rate	Neonatal Deaths U.S. Rate	Postneonatal Deaths Colorado Number	Postneonatal Deaths Colorado Rate	Postneonatal Deaths U.S. Rate
1910	12,164	-	104.2	132.0	-	-	-	-	-	-
1920	18,676	-	101.9	100.8	-	-	-	-	-	-
1930	18,878	-	91.5	68.6	-	-	-	-	-	-
1940	21,416	1,275	59.5	47.0	707	33.0	28.8	568	26.5	18.3
1950	33,853	1,158	34.2	29.2	791	23.4	20.5	367	10.8	8.7
1960	42,905	1,182	27.5	26.0	916	21.3	18.7	266	6.2	7.3
1961	44,648	1,169	26.2	25.3	875	19.6	18.4	294	6.6	6.9
1962	43,594	1,098	25.2	25.3	811	18.6	18.3	287	6.6	7.0
1963	42,179	1,096	26.0	25.2	816	19.3	18.2	280	6.6	7.0
1964	40,537	1,033	25.5	24.8	764	18.8	17.9	269	6.6	6.9
1965	36,851	895	24.3	24.7	654	17.7	17.7	241	6.5	7.0
1966	34,899	820	23.5	23.7	617	17.7	17.2	203	5.8	6.5
1967	35,166	805	22.9	22.4	624	17.7	16.5	181	5.1	5.9
1968	36,842	762	20.7	21.8	580	15.7	16.1	182	4.9	5.7
1969	39,189	806	20.6	20.9	609	15.5	15.6	197	5.0	5.3
1970	41,480	829	20.0	20.0	628	15.1	15.1	201	4.8	4.9
1971	40,360	736	18.2	19.1	541	13.4	14.2	195	4.8	4.9
1972	38,585	678	17.6	18.5	487	12.6	13.6	191	5.0	4.9
1973	38,507	637	16.5	17.7	465	12.1	13.0	172	4.5	4.7
1974	39,036	612	15.7	16.7	447	11.5	12.3	165	4.2	4.4
1975	40,148	572	14.2	16.1	383	9.5	11.6	189	4.7	4.5
1976	40,978	531	13.0	15.2	357	8.7	10.9	174	4.2	4.3
1977	43,056	517	12.0	14.1	318	7.4	9.9	199	4.6	4.2
1978	44,063	493	11.2	13.8	303	6.9	9.5	190	4.3	4.3
1979	47,179	496	10.5	13.1	300	6.4	8.9	196	4.2	4.2
1980	49,716	500	10.1	12.6	329	6.6	8.5	171	3.4	4.1
1981	52,104	517	9.9	11.9	337	6.5	8.0	180	3.5	3.9
1982	54,786	497	9.1	11.5	309	5.6	7.7	188	3.4	3.8
1983	54,644	547	10.0	11.2	321	5.9	7.3	226	4.1	3.9
1984	54,339	552	10.2	10.8	316	5.8	7.0	236	4.3	3.8
1985	55,115	519	9.4	10.6	302	5.5	7.0	217	3.9	3.7
1986	55,142	476	8.6	10.4	293	5.3	6.7	183	3.3	3.6
1987	53,803	527	9.8	10.0	321	6.0	-	206	3.8	-

All rates are per 1,000 live births. U.S. data are from the National Center for Health Statistics.
U.S. rates for 1987 are provisional.

Figure 25. Infant, Neonatal, and Postneonatal Mortality Rates: Colorado Residents, 1960-1987

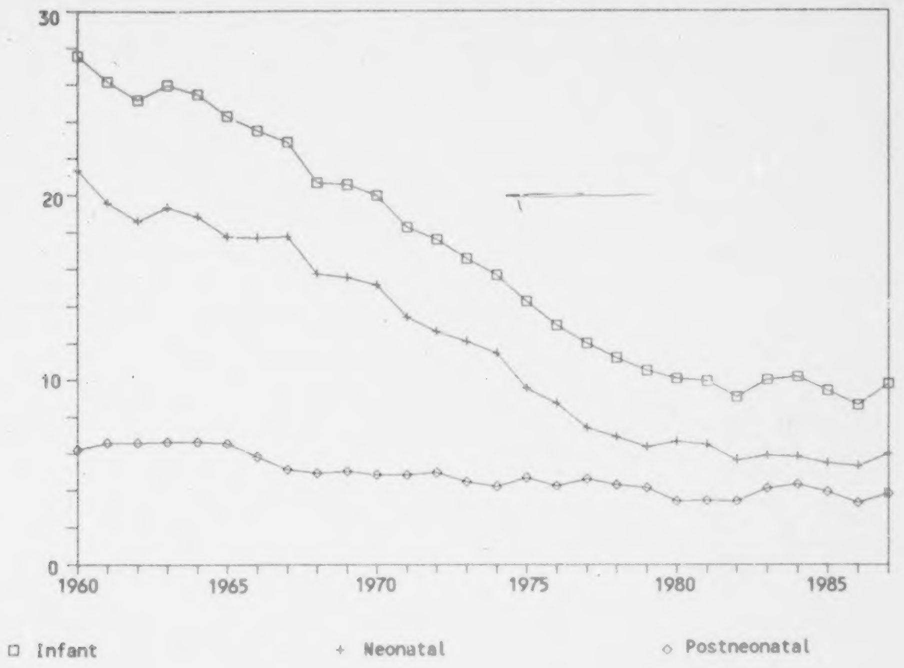


Figure 26. Infant, Neonatal, and Postneonatal Mortality Rates: United States, 1960-1987

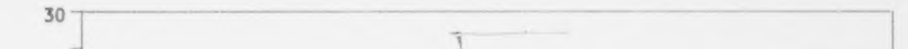


Table 71. Live Births, Infant Deaths, and Infant Mortality Rates by Race: Colorado Residents, 1980-1987

Total	1980	1981	1982	1983	1984	1985	1986	1987	1980-87
Total									
Live Births	49,716	52,104	54,786	54,644	54,339	55,115	55,142	53,803	53,706
Infant Deaths	500	517	497	547	552	519	476	527	517
Rate	10.1	9.9	9.1	10.0	10.2	9.4	8.6	9.8	9.6
Total White									
Live Births	45,584	47,701	50,108	50,114	49,759	50,404	50,172	48,718	49,070
Infant Deaths	443	478	455	499	496	458	418	469	465
Rate	9.7	10.0	9.1	10.0	10.0	9.1	8.3	9.6	9.5
Anglo White									
Live Births	38,022	39,966	42,232	42,539	42,185	42,669	42,263	40,925	41,350
Infant Deaths	342	405	397	420	417	386	354	393	389
Rate	9.0	10.1	9.4	9.9	9.9	9.0	8.4	9.6	9.4
Spanish Surname White									
Live Births	7,562	7,735	7,876	7,575	7,574	7,735	7,909	7,793	7,720
Infant Deaths	101	73	58	79	79	72	64	76	75
Rate	13.4	9.4	7.4	10.4	10.4	9.3	8.1	9.8	9.7
Total Non-White									
Births	4,132	4,403	4,678	4,530	4,580	4,711	4,970	5,085	4,636
Infant deaths	57	39	42	48	56	61	58	58	52
Rate	13.8	8.9	9.0	10.6	12.2	12.9	11.7	11.4	11.3
Black									
Live Births	2,403	2,540	2,751	2,699	2,707	2,830	3,072	3,161	2,770
Infant Deaths	46	29	34	42	46	45	53	52	43
Rate	19.1	11.4	12.4	15.6	17.0	15.9	17.3	16.5	15.7
Native American									
Live Births	545	564	665	556	586	589	571	543	577
Infant Deaths	5	7	2	2	3	5	1	3	4
Rate	9.2	12.4	3.0	3.6	5.1	8.5	1.8	5.5	6.1
All Other Non-White									
Live Births	1,184	1,299	1,262	1,275	1,287	1,292	1,327	1,381	1,288
Infant Deaths	6	3	6	4	7	11	4	3	6
Rate	5.1	2.3	4.8	3.1	5.4	8.5	3.0	2.2	4.3

Infant mortality rates are infant deaths per 1,000 live births. Rates based on few actual cases must be viewed with caution.

Table 72. Infant Deaths by Race, Spanish Origin, and Sex by Age: Colorado Residents, 1987

Sex, Race and Spanish Origin of Infant	Infant Deaths		Postneonatal Deaths		Neonatal Deaths		Death in First Week		Death in First Day	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	527	100.0	206	39.1	321	60.9	268	50.9	192	36.4
Total White	469	100.0	185	39.4	284	60.6	236	50.3	170	36.2
Anglo White	393	100.0	159	40.5	234	59.5	169	43.0	137	34.9
Spanish Surname White	76	100.0	26	34.2	50	65.8	47	61.8	33	43.4
Total Non-White	58	100.0	21	36.2	37	63.8	32	55.2	22	37.9
Black	52	100.0	18	34.6	34	65.4	29	55.8	21	40.4
Native American	3	100.0	1	33.3	2	66.7	2	66.7	1	33.3
Asian and Other	3	100.0	2	66.7	1	33.3	1	33.3	0	0.0
Non-Spanish Origin	467	100.0	186	39.8	281	60.2	230	49.3	163	34.9
Spanish Origin	60	100.0	20	33.3	40	66.7	38	63.3	29	48.3
Male	307	100.0	129	42.0	178	58.0	142	46.3	94	30.6
Female	220	100.0	77	35.0	143	65.0	126	57.3	98	44.5

Spanish origin is independent of race.

Table 73. Infant Deaths and Infant Mortality Rates for Selected Leading Causes of Infant Death: Colorado Residents, 1987, and United States, 1986

Cause of Death	ICD9 Code	Colorado Number	Colorado Rate	United States Rate, 1986
All Causes		527	97.9	103.5
Pneumonia and Influenza	480-487	9	1.7	1.8
Congenital Anomalies	740-759	131	24.3	22.0
Newborn Affected by Maternal Complications of Pregnancy	761	17	3.2	3.6
Newborn Affected by Complications of Placenta, Cord, and Membranes	762	12	2.2	2.2
Disorders Relating to Short Gestation and Unspecified Low Birthweight	765	32	5.9	8.6
Intrauterine Hypoxia and Birth Asphyxia	768	16	3.0	2.6
Respiratory Distress Syndrome	769	28	5.2	9.1
Infections Specific to Perinatal Period	771	10	1.9	2.4
Sudden Infant Death Syndrome (SIDS)	798.0	117	21.7	14.1
Accidents and Adverse Effects	E800-E949	16	3.0	2.4
All Other Causes	Residual	139	25.8	34.8

Differences in reporting practices may account for some of the differences in rates appearing here. Data are based on underlying cause. Rates are per 10,000 live births. U.S. data are from the National Center for Health Statistics.

Table 74. Selected Causes of Infant Death with Infant Mortality Rates: Colorado Residents, 1980-87

Cause of Death	ICD9 Code	1980		1981		1982		1983	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Causes....................		500	100.6	517	99.2	497	90.7	547	100.1
Diseases of Heart..	390-398,402,404-429	11	2.2	12	2.3	11	2.0	19	3.5
Pneumonia and Influenza.......	480-487	7	1.4	12	2.3	8	1.5	17	3.1
Congenital Anomalies..........	740-759	120	24.1	123	23.6	115	21.0	122	22.3
Newborn Affected by Maternal Complications of Pregnancy...	761	14	2.8	17	3.3	11	2.0	28	5.1
Newborn Affected by Complications of Placenta, Cord, and Membranes..........	762	8	1.6	11	2.1	16	2.9	12	2.2
Disorders Relating to Short Gestation and Unspecified Low Birthweight..............	765	31	6.2	18	3.5	19	3.5	36	6.6
Intrauterine Hypoxia and Birth Asphyxia...............	768	21	4.2	25	4.8	20	3.7	19	3.5
Respiratory Distress Syndrome.	769	33	6.6	32	6.1	33	6.0	21	3.8
Infections Specific to the Perinatal Period.............	771	9	1.8	13	2.5	11	2.0	14	2.6
Sudden Infant Death Syndrome (SIDS).......................	798.0	65	13.1	73	14.0	85	15.5	95	17.4
Accidents and Adverse Effects....................	E800-E949	9	1.8	9	1.7	7	1.3	11	2.0
Homicide and Legal Intervention...............	E960-E978	9	1.8	5	1.0	6	1.1	2	0.4
All Other Causes.............	Residual	163	32.8	167	32.1	155	28.3	151	27.6

Cause of Death	ICD9 Code	1984		1985		1986		1987	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Causes....................		552	101.6	519	94.2	476	86.3	527	97.9
Diseases of Heart..	390-398,402,404-429	31	5.7	24	4.4	31	5.6	15	2.8
Pneumonia and Influenza.......	480-487	12	2.2	7	1.3	6	1.1	9	1.7
Congenital Anomalies..........	740-759	129	23.7	127	23.0	102	18.5	131	24.3
Newborn Affected by Maternal Complications of Pregnancy...	761	16	2.9	14	2.5	13	2.4	17	3.2
Newborn Affected by Complications of Placenta, Cord, and Membranes..........	762	7	1.3	13	2.4	9	1.6	16	3.0
Disorders Relating to Short Gestation and Unspecified Low Birthweight..............	765	35	6.4	31	5.6	33	6.0	32	5.9
Intrauterine Hypoxia and Birth Asphyxia...............	768	15	2.8	18	3.3	11	2.0	16	3.0
Respiratory Distress Syndrome.	769	26	4.8	21	3.8	29	5.3	28	5.2
Infections Specific to the Perinatal Period.............	771	16	2.9	13	2.4	7	1.3	10	1.9
Sudden Infant Death Syndrome (SIDS).......................	798.0	104	19.1	100	18.1	85	15.4	117	21.7
Accidents and Adverse Effects....................	E800-E949	8	1.5	10	1.8	13	2.4	12	2.2
Homicide and Legal Intervention...............	E960-E978	4	0.7	2	0.4	5	0.9	6	1.1
All Other Causes.............	Residual	149	27.4	139	25.2	132	23.9	118	21.9

Infant death is death in the first year of life. Data are for underlying causes of death. Rates are infant deaths per 10,000 live births. Rates based on few actual cases must be viewed with caution. The relatively small numbers of deaths from some causes must be considered in any analysis of these data.

Table 75. Infant Deaths and Infant Mortality Rates for Selected Leading Causes of Infant Death by Race: Colorado Residents, 1987

Cause of Death	ICD9 Code	Total		Total White		Anglo White		Spanish Surname		Black		Other Non-White	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All Causes		527	9.8	469	9.6	393	9.6	76	9.8	52	16.5	6	3.3
Pneumonia and Influenza	480-487	9	0.2	7	0.1	7	0.2	0	0.0	1	0.3	1	0.5
Congenital Anomalies	740-759	131	2.4	120	2.5	99	2.4	21	2.7	9	2.8	2	1.1
Newborn Affected by Maternal Complications of Pregnancy	761	17	0.3	15	0.3	12	0.3	3	0.4	2	0.6	0	0.0
Newborn Affected by Complications of Placenta, Cord, and Membranes	762	16	0.3	14	0.3	12	0.3	2	0.3	2	0.6	0	0.0
Disorders Relating to Short Gestation and Unspecified Low Birthweight	765	32	0.6	27	0.6	20	0.5	7	0.9	5	1.6	0	0.0
Intrauterine Hypoxia and Birth Asphyxia	768	16	0.3	15	0.3	14	0.3	1	0.1	0	0.0	1	0.5
Respiratory Distress Syndrome	769	28	0.5	27	0.6	23	0.6	4	0.5	1	0.3	0	0.0
Infections Specific to Perinatal Period	771	10	0.2	7	0.1	6	0.1	1	0.1	3	0.9	0	0.0
Sudden Infant Death Syndrome (SIDS)	798.0	117	2.2	106	2.2	94	2.3	12	1.5	11	3.5	0	0.0
Accidents and Adverse Effects	E800-E949	12	0.2	11	0.2	10	0.2	1	0.1	1	0.3	0	0.0
All Other Causes	Residual	139	2.6	120	2.5	96	2.3	24	3.1	17	5.4	2	1.1

Rates are infant deaths per 1,000 live births. Rates based on few actual cases must be viewed with caution. Anglo white and Spanish surname are subcategories of total white.

Table 76. Live Births, Infant Deaths, and Infant Mortality Rates by Birth Weight: Colorado Residents, 1987

Birth Weight (Grams)	Live Births	Infant Deaths	Infant Mortality Rate
<500	44	38	863.6
500-999	240	136	566.7
1,000-1,499	266	25	94.0
1,500-1,999	753	32	42.5
2,000-2,499	2,962	49	16.5
2,500-2,999	11,065	77	7.0
3,000-3,499	21,901	109	5.0
3,500-3,999	13,203	42	3.2
4,000-4,499	2,964	9	3.0
4,500-4,999	350	2	5.7
5000+	45	1	22.2
Low Weight Birth (<2,500)	4,265	280	65.7
Unknown/ Not Stated	10	7	700.0

Rates are infant deaths per 1,000 live births.

Table 77. Infant Deaths by Trimester in Which Prenatal Care Began, Age of Mother, and Race of Child: Colorado Residents, 1987

Race	Trimester Care Began	Total	Age of Mother <15	15-19	20-24	25-29	30-34	35-39	40-44	Unknown/ Not Stated
Total	Total	527	1	74	169	133	93	43	9	5
	First	350	0	36	100	101	77	31	5	0
	Second	98	0	20	42	18	7	7	4	0
	Third	15	0	4	4	4	2	1	0	0
	Unknown	42	1	8	14	6	5	3	0	5
	No Care	22	0	6	9	4	2	1	0	0
Total White	Total	469	0	68	140	124	86	40	8	3
	First	316	0	33	81	95	72	30	5	0
	Second	84	0	18	34	18	6	5	3	0
	Third	14	0	4	4	3	2	1	0	0
	Unknown	38	0	8	13	6	5	3	0	3
	No Care	17	0	5	8	2	1	1	0	0
Anglo White	Total	393	0	43	105	117	80	38	7	3
	First	285	0	25	64	92	70	29	5	0
	Second	59	0	9	24	16	3	5	2	0
	Third	10	0	1	3	3	2	1	0	0
	Unknown	28	0	5	9	5	4	2	0	3
	No Care	11	0	3	5	1	1	1	0	0
Spanish Surname White	Total	76	0	25	35	7	6	2	1	0
	First	31	0	8	17	3	2	1	0	0
	Second	25	0	9	10	2	3	0	1	0
	Third	4	0	3	1	0	0	0	0	0
	Unknown	10	0	3	4	1	1	1	0	0
	No Care	6	0	2	3	1	0	0	0	0
Total Non-White	Total	58	1	6	29	9	7	3	1	2
	First	34	0	3	19	6	5	1	0	0
	Second	14	0	2	8	0	1	2	1	0
	Third	1	0	0	0	1	0	0	0	0
	Unknown	4	1	0	1	0	0	0	0	2
	No Care	5	0	1	1	2	1	0	0	0
Black	Total	52	1	4	28	8	7	3	0	1
	First	31	0	1	19	5	5	1	0	0
	Second	12	0	2	7	0	1	2	0	0
	Third	1	0	0	0	1	0	0	0	0
	Unknown	3	1	0	1	0	0	0	0	1
	No Care	5	0	1	1	2	1	0	0	0
Native American	Total	3	0	2	1	0	0	0	0	0
	First	2	0	2	0	0	0	0	0	0
	Second	1	0	0	1	0	0	0	0	0
	Third	0	0	0	0	0	0	0	0	0
	Unknown	0	0	0	0	0	0	0	0	0
	No Care	0	0	0	0	0	0	0	0	0
Asian	Total	3	0	0	0	1	0	0	1	1
	First	1	0	0	0	1	0	0	0	0
	Second	1	0	0	0	0	0	0	1	0
	Third	0	0	0	0	0	0	0	0	0
	Unknown	1	0	0	0	0	0	0	0	1
	No Care	0	0	0	0	0	0	0	0	0

Trimesters are three-month periods of time.

Multiple Cause of Death

As noted in the discussion of injury deaths, cause-of-death statistics usually are based on the underlying cause of death, a single disease or injury that initiated the circumstances leading to the death. In this system, each death is assigned one underlying cause of death. However, death certificates provide for the inclusion of more information than the underlying cause of death. The immediate cause of death, antecedent causes giving rise to the immediate cause, and other significant conditions contributing to the death also may be entered by the physician or coroner completing the certifiacte and certifying the death.

The underlying cause of death is selected from the conditions recorded on the death certificate according to the sequence of conditions listed, provisions of the International Classification of Diseases, and other standardized classification rules. Table 78 shows the number of times selected causes of death were reported on death certificates by underlying cause for Colorado resident deaths in 1987. Table 79 shows the total number of times nonredundant entries for causes of death were reported on Colorado death certificates in 1987 and the number of times these causes were selected as the underlying cause. A ratio of reported-to-underlying status is given.

Septicemia, nutritional deficiencies, anemias, angina pectoris, hypertension, and unspecified renal diseases are examples of conditions that are reported on death certificates much more often than they are selected as the underlying cause. Causes of death most frequently selected as the underlying cause of death when reported include motor vehicle accidents, suicide, homicide, malignant neoplasms, and HIV infections.

Table 80 presents the total number of causes of death reported on death certificates by age of decedent in 1987. Seven in ten death certificates had more than one cause of death listed on the death record, with multiple conditions increasing with the age of decedents.

Table 78. Selected Leading Causes of Death - Underlying Cause by Total Mentions: Colorado Residents, 1987

Underlying Cause	Total	Heart Disease	Malignant Neoplasms	Accidents	Cerebro-vascular Diseases	COPD	Pneum. and Influen.	Suicide	Athero-sclerosis	Diabetes Mellitus	Chronic Liver Disease	Homi-cide
Total	21,089	10,462	5,018	1,954	2,229	2,359	2,272	562	1,258	1,230	392	206
Heart Disease	6,366	6,366	240	209	443	507	270	0	454	456	35	1
Malignant Neoplasms	4,392	905	4,392	95	88	236	295	0	29	106	11	0
Chronic Obstructive Pulmonary Diseases	1,245	514	77	39	41	1,245	205	0	21	29	10	0
Cerebrovascular Diseases	1,339	431	46	63	1,339	55	164	0	224	76	9	0
Accidents and Adverse Effects	1,226	199	15	1,226	19	19	22	0	9	11	7	0
Pneumonia, Influenza	901	308	55	18	79	72	901	0	33	48	13	0
Suicide	561	34	6	0	0	3	2	561	0	0	0	0
Diabetes Mellitus	370	225	7	12	51	10	28	0	47	370	4	0
Atherosclerosis	326	161	16	4	0	17	27	0	326	21	0	0
Chronic Liver Disease and Cirrhosis	258	46	10	8	5	6	18	0	2	6	255	0
Homicide	204	7	0	1	0	0	0	0	0	0	1	204
Septicemia	191	88	13	3	7	10	17	0	6	8	4	0
Nephritis, Nephrosis, Nephrotic Syndrome	142	83	9	2	9	7	16	0	2	6	1	0
All Other Causes	3,568	1,095	132	274	148	172	307	1	105	93	42	1

Table 79. Reported and Underlying Causes of Death: Colorado Resident Deaths, 1987

Cause of Death	ICD9 Code	Total Reported	Selected as Underlying	Ratio of Reported to Underlying Cause
Shigellosis and Amebiasis	004,006	0	0	0.0
Certain Other Intestinal Infections	007-009	3	3	1.0
Tuberculosis	010-018	27	16	1.7
Tuberculosis of Respiratory System	010-012	20	13	1.5
Other Tuberculosis	013-018	7	3	2.3
Whooping Cough	033	0	0	0.0
Strep Sore Throat, Scarlatina, and Erysipelas	034-035	3	3	1.0
Meningococcal Infection	036	3	3	1.0
Septicemia	038	963	191	5.0
Human Immunodeficiency Virus Infection	042-044	139	133	1.0
Acute Poliomyelitis	045	0	0	0.0
Measles	055	0	0	0.0
Viral Hepatitis	070	26	19	1.4
Syphilis	090-097	2	1	2.0
All Other Infectious and Parasitic Diseases	(001-039)	153	74	2.1
Malignant Neoplasms, All Sites	140-208	5018	4392	1.1
Of Lip, Oral Cavity, and Pharynx	140-149	77	70	1.1
Of Digestive Organs and Peritoneum	150-159	1295	1144	1.1
Of Respiratory and Intrathoracic Organs	160-165	1225	1094	1.1
Of Breast	174-175	470	375	1.3
Of Genital Organs	179-187	661	521	1.3
Of Urinary Organs	188-189	238	194	1.2
Other and Unspecified Sites	170-173,190-199	1576	535	2.9
Leukemia	204-208	217	176	1.2
Lymphatic and Hematopoietic Tissues	200-203	330	283	1.2
Benign and Unspecified Neoplasms	210-239	118	45	2.6
Diabetes Mellitus	250	1230	370	3.3
Nutritional Deficiencies	260-269	461	47	9.8
Anemias	280-285	345	43	8.0
Meningitis	320-322	20	11	1.8
Major Cardiovascular Diseases	390-448	12293	8413	1.5
Disease of Heart	390-398,402,404-429	10462	6566	1.6
Rheumatic Fever and Rheumatic Heart Disease	390-398	159	85	1.9
Hypertensive Heart Disease	402	195	102	1.9
Hypertensive Heart and Renal Disease	404	24	20	1.2
Ischemic Heart Disease	410-414	5324	4458	1.2
Acute Myocardial Infarction	410	2417	2217	1.1
Other Acute and Subacute Forms of IHD	411	132	19	6.9
Angina Pectoris	413	50	8	6.3
Old MI and Other Chronic IHD	412,414	3875	2214	1.8
Other Diseases of Endocardium	424	243	116	2.1
All Other Heart Disease	415-423,425-429	8069	1585	5.1
Hypertension with or without Renal Disease	401,403	797	91	8.8
Cerebrovascular Diseases	430-438	2229	1339	1.7
Intracerebral, Other Intracranial Hemorrhage	431-432	245	169	1.4
Cerebral Thrombosis, Embolism and Infarction	434.0,434.9	193	127	1.5
Cerebral Embolism	434.1	25	10	2.5
All Other Cerebrovascular Diseases	430,433,435-438	1827	1033	1.8
Atherosclerosis	440	1258	326	3.9
Other Diseases of Arteries, Arterioles, Capill.	441-448	505	291	1.7
Acute Bronchitis and Bronchiolitis	466	27	12	2.3
Pneumonia and Influenza	480-487	2272	901	2.5
Pneumonia	480-486	2245	879	2.6
Influenza	487	27	22	1.2

Cause of Death	ICD9 Code	Total Reported	Selected as Underlying	Ratio of Reported to Underlying Cause
Chronic Obstructive Pulmonary Diseases	490-496	2359	1245	1.9
Bronchitis, Chronic and Unspecified	490-491	85	48	1.8
Emphysema	492	327	202	1.6
Asthma	493	135	72	1.9
Other Chronic Obstructive Pulmonary Diseases	494-496	1821	923	2.0
Ulcer of Stomach and Duodenum	531-533	242	114	2.1
Appendicitis	540-543	3	1	3.0
Hernia and Intestinal Obstruction	550-553,560	208	74	2.8
Chronic Liver Disease and Cirrhosis	571	392	258	1.5
Cholelithiasis and Other Disorders of Gallbladder	574-575	75	40	1.9
Nephritis, Nephrotic Syndrome, Nephrosis	580-589	1036	142	7.3
Acute Glomerulonephritis and Nephrotic Syndrome	580-581	8	2	4.0
Other Specified Renal Disease	582-583,587	47	20	2.4
Renal Disease Not Specified	584-586,588-589	1008	120	8.4
Infections of Kedney	590	47	20	2.4
Hyperplasia of Prostate	600	28	9	3.1
Complications of Pregnancy, Childbirth	630-676	4	4	1.0
Pregnancy with Abortive Outcome	630-638	0	0	0.0
Other Complications of Pregnancy	640-676	4	4	1.0
Congenital Anomalies	740-759	239	185	1.3
Certain Conditions Originating in Perinatal Period	760-779	303	200	1.5
Birth Trauma, Hypoxia, Asphyxia, RDS	767-769	65	46	1.4
Other Perinatal Conditions	760-766,770-779	296	154	1.9
Symptons, Signs, and Ill-Defined Conditions	780-799	5116	213	24.0
Unintentional Injuries and Adverse Effects	E800-E949	1954	1226	1.6
Motor Vehicle Accidents	E810-E825	626	616	1.0
All Other	E800-E807,E826-E949	1334	610	2.2
Suicide	E950-E959	562	561	1.0
Homicide and Legal Intervention	E960-E978	206	204	1.0
All Other External Causes	E980-E999	70	67	1.0

Table 80. Total Numbers of Causes of Death Reported on Death Certificates by Age of Decedent: Colorado Residents, 1987

Number of Causes	Total	Age of Decedent <1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Total	21,089	527	98	63	51	173	271	729	842	1,141	2,638	4,435	5,455	4,666
1	6,615	430	15	6	6	5	26	163	262	444	997	1,456	1,553	1,252
2	8,877	87	67	46	42	150	219	486	452	501	1,080	1,686	2,143	1,918
3	4,258	8	14	11	3	17	23	73	117	153	430	962	1,280	1,167
4	1,140	1	2	0	0	1	2	6	9	37	116	278	396	292
5+	199	1	0	0	0	0	1	1	2	6	15	53	83	37

Colorado Life Tables

Life tables for total Colorado population and for males and females in 1987 appear as Tables 80, 81, and 82. These tables are in the form of current life tables. Since single years of life are included, they are further classified as complete life tables. This type of table generates information from the actual death rates of a real population during a specific time period. The actual death rates for total, male, and female Colorado residents were used as the bases for these tables.

Life Expectancy - The observed expectation of life at birth reached a new high of 76.6 years for Coloradans in 1987, up from 75.3 years for the period 1979-1981. In the years 1979-1981, Colorado ranked ninth highest among the states and District of Columbia in life expectancy. In 1986, the most current year for which U.S. data are available, life expectancy was 74.8, compared with 73.9 for 1979-1981.

Colorado females born in 1987 had a life expectancy of 79.6, up from 78.8 for those born in 1979-1981. Life expectancy for Colorado males was 73.5 in 1987, compared with 71.8 in 1979-1981.

Life expectancy for both sexes in Colorado has exceeded that for the nation. In the nation as a whole, females had a life expectancy of 78.3 and males had a life expectancy of 71.3 in 1986.

Life Table Definitions

Age Interval in Years (1) - This column denotes the age interval, (X,X+1), under consideration.

Proportion Dying in Interval (X,X+1) (2) - Consider an individual alive at the exact age x. A row in this column is an estimate of the probability that this individual will die during the age interval (X,X+1).

Number Living at Age X (3) - The first number in this column is an arbitrary starting point. It is the number of individuals born into the hypothetical cohort "entering" the life table. Each succeeding number is the number of survivors at age x based on the mortality experience of the given population. These numbers should be considered in relation to the starting point. For example, in the total Colorado table, 99,029 of the 100,000 born into the hypothetical cohort were alive on their second birthday.

Number Dying in Interval (X,X+1) (4) - This column is the number of "life table deaths" in the age interval under consideration. It has meaning only in relationship to the arbitrarily chosen number of individuals entering the hypothetical cohort. For example, in the total Colorado table, 895 infant deaths are listed. This is not the actual number of infant deaths for Colorado residents in 1987.

Fraction of Last Year of Life Lost (5) - Consider the number of people dying in the interval (X,X+1). Each of these individuals lived x years plus some fraction of this interval. This column designates what is assumed to be the average of these fractions of time. If the deaths are assumed to occur uniformly throughout the age interval, the fraction of last year of life lost is set equal to one half. In each of the tables presented, this fraction is assumed to be less than one half during the first year of life, which takes into consideration most infant deaths occurring in the first weeks of life rather than uniformly across this age interval. The fractions used in the tables were derived from corresponding Colorado life tables for 1979-1981 produced by the National Center for Health Statistics. (U.S. Decennial Life Tables for 1979-1981 Washington: GPO, 1985).

Number of Years Lived in Interval (X,X+1) (6) - This column is the sum of each single year contributed by those individuals who survived the interval and the fractions of years contributed by those who died in the interval.

Total Number of Years Lived beyond Age X (7) - This is the sum of the number of years lived in each interval starting with the interval beginning with age x and summing over the remaining intervals.

Observed Expectation of Life at Age X (8) - The rows of this column estimate the average number of years remaining to an individual who is now age x. It is computed by dividing figures in column 7 by figures in column 3.

Life table methodology used here is based on work by Chin Long Chiang (Introduction to Stochastic Processes in Biostatistics Wiley and Sons: NYC, 1968). Caution must be used in comparing life expectancy statistics from different sources because of the variety of methods that can be applied.

Table 81. Complete Life Table for Total Colorado Population, 1987

Age Interval in Years	Proportion Dying in Interval (X,X+1) (2)	Number Living at Age X (3)	Number Dying in Interval (X,X+1) (4)	Fraction of Last Year of Life (5)	Number of Years Lived in Interval (X,X+1) (6)	Total Number of Years Lived Beyond Age X (7)	Observed Expectation Of Life at Age X
0-1.........	0.00895	100,000	895	0.205	99,288	7,661,741	76.62
1-2.........	0.00077	99,105	76	0.500	99,067	7,562,453	76.31
2-3.........	0.00061	99,029	60	0.500	98,999	7,463,386	75.37
3-4.........	0.00028	98,969	28	0.500	98,955	7,364,387	74.41
4-5.........	0.00014	98,941	13	0.500	98,935	7,265,432	73.43
5-6.........	0.00031	98,928	31	0.500	98,913	7,166,497	72.44
6-7.........	0.00022	98,897	22	0.500	98,886	7,067,585	71.46
7-8.........	0.00032	98,875	32	0.500	98,859	6,968,699	70.48
8-9.........	0.00014	98,843	14	0.500	98,836	6,869,840	69.50
9-10........	0.00027	98,829	27	0.500	98,816	6,771,004	68.51
10-11.......	0.00022	98,802	21	0.500	98,792	6,672,188	67.53
11-12.......	0.00020	98,781	20	0.500	98,771	6,573,397	66.55
12-13.......	0.00015	98,761	15	0.500	98,754	6,474,626	65.56
13-14.......	0.00028	98,746	28	0.500	98,732	6,375,872	64.57
14-15.......	0.00026	98,718	25	0.500	98,706	6,277,140	63.59
15-16.......	0.00046	98,693	45	0.500	98,671	6,178,435	62.60
16-17.......	0.00044	98,648	44	0.500	98,626	6,079,764	61.63
17-18.......	0.00090	98,604	89	0.500	98,560	5,981,138	60.66
18-19.......	0.00082	98,515	81	0.500	98,475	5,882,579	59.71
19-20.......	0.00074	98,434	73	0.500	98,398	5,784,104	58.76
20-21.......	0.00079	98,361	78	0.500	98,322	5,685,707	57.80
21-22.......	0.00085	98,283	84	0.500	98,241	5,587,385	56.85
22-23.......	0.00099	98,199	97	0.500	98,151	5,489,144	55.90
23-24.......	0.00097	98,102	95	0.500	98,055	5,390,993	54.95
24-25.......	0.00102	98,007	100	0.500	97,957	5,292,939	54.01
25-26.......	0.00103	97,907	100	0.500	97,857	5,194,982	53.06
26-27.......	0.00084	97,807	82	0.500	97,766	5,097,125	52.11
27-28.......	0.00126	97,725	123	0.500	97,664	4,999,359	51.16
28-29.......	0.00112	97,602	109	0.500	97,548	4,901,695	50.22
29-30.......	0.00110	97,493	107	0.500	97,440	4,804,148	49.28
30-31.......	0.00124	97,386	121	0.500	97,326	4,706,708	48.33
31-32.......	0.00112	97,265	109	0.500	97,211	4,609,383	47.39
32-33.......	0.00130	97,156	127	0.500	97,093	4,512,172	46.44
33-34.......	0.00104	97,029	101	0.500	96,979	4,415,080	45.50
34-35.......	0.00131	96,928	127	0.500	96,865	4,318,101	44.55
35-36.......	0.00121	96,801	117	0.500	96,743	4,221,237	43.61
36-37.......	0.00147	96,684	142	0.500	96,613	4,124,494	42.66
37-38.......	0.00106	96,542	102	0.500	96,491	4,027,881	41.72
38-39.......	0.00152	96,440	147	0.500	96,367	3,931,390	40.77
39-40.......	0.00181	96,293	174	0.500	96,206	3,835,024	39.83
40-41.......	0.00197	96,119	189	0.500	96,025	3,738,818	38.90
41-42.......	0.00159	95,930	153	0.500	95,854	3,642,793	37.97
42-43.......	0.00187	95,777	179	0.500	95,688	3,546,940	37.03
43-44.......	0.00210	95,598	201	0.500	95,498	3,451,252	36.10
44-45.......	0.00185	95,397	177	0.500	95,309	3,355,755	35.18
45-46.......	0.00225	95,220	214	0.500	95,113	3,260,446	34.24
46-47.......	0.00270	95,006	256	0.500	94,878	3,165,333	33.32
47-48.......	0.00268	94,750	254	0.500	94,623	3,070,455	32.41
48-49.......	0.00321	94,496	303	0.500	94,345	2,975,832	31.49
49-50.......	0.00369	94,193	348	0.500	94,019	2,881,488	30.59
50-51.......	0.00343	93,845	322	0.500	93,684	2,787,469	29.70
51-52.......	0.00379	93,523	355	0.500	93,346	2,693,785	28.80
52-53.......	0.00485	93,168	452	0.500	92,942	2,600,439	27.91
53-54.......	0.00527	92,716	488	0.500	92,472	2,507,497	27.04

Table 81, Continued.

Age Interval in Years	Proportion Dying in Interval (X,X+1) (2)	Number Living at Age X (3)	Number Dying in Interval (X,X+1) (4)	Fraction of Last Year of Life (5)	Number of Years Lived in Interval (X,X+1) (6)	Total Number of Years Lived Beyond Age X (7)	Observed Expectation Of Life at Age X
54-55.......	0.00555	92,228	512	0.500	91,972	2,415,025	26.19
55-56.......	0.00750	91,716	688	0.500	91,372	2,323,053	25.33
56-57.......	0.00723	91,028	658	0.500	90,699	2,231,681	24.52
57-58.......	0.00707	90,370	639	0.500	90,051	2,140,982	23.69
58-59.......	0.00825	89,731	741	0.500	89,361	2,050,932	22.86
59-60.......	0.00962	88,990	856	0.500	88,562	1,961,571	22.04
60-61.......	0.01126	88,134	992	0.500	87,638	1,873,009	21.25
61-62.......	0.01236	87,142	1,077	0.500	86,604	1,785,371	20.49
62-63.......	0.01235	86,065	1,063	0.500	85,534	1,698,768	19.74
63-64.......	0.01342	85,002	1,141	0.500	84,432	1,613,234	18.98
64-65.......	0.01550	83,861	1,299	0.500	83,212	1,528,803	18.23
65-66.......	0.01638	82,562	1,352	0.500	81,886	1,445,591	17.51
66-67.......	0.01827	81,210	1,483	0.500	80,469	1,363,705	16.79
67-68.......	0.02095	79,727	1,671	0.500	78,892	1,283,237	16.10
68-69.......	0.02227	78,056	1,738	0.500	77,187	1,204,345	15.43
69-70.......	0.02513	76,318	1,918	0.500	75,359	1,127,158	14.77
70-71.......	0.02453	74,400	1,825	0.500	73,488	1,051,799	14.14
71-72.......	0.02752	72,575	1,997	0.500	71,577	978,312	13.48
72-73.......	0.02830	70,578	1,998	0.500	69,579	906,735	12.85
73-74.......	0.03094	68,580	2,122	0.500	67,519	837,156	12.21
74-75.......	0.03743	66,458	2,487	0.500	65,215	769,637	11.58
75-76.......	0.04178	63,971	2,673	0.500	62,635	704,423	11.01
76-77.......	0.04334	61,298	2,657	0.500	59,970	641,788	10.47
77-78.......	0.04798	58,641	2,814	0.500	57,234	581,819	9.92
78-79.......	0.05378	55,827	3,002	0.500	54,326	524,585	9.40
79-80.......	0.05514	52,825	2,913	0.500	51,369	470,259	8.90
80-81.......	0.06258	49,912	3,123	0.500	48,351	418,890	8.39
81-82.......	0.06830	46,789	3,196	0.500	45,191	370,540	7.92
82-83.......	0.07516	43,593	3,276	0.500	41,955	325,349	7.46
83-84.......	0.07962	40,317	3,210	0.500	38,712	283,394	7.03
84-85.......	0.07968	37,107	2,957	0.500	35,629	244,682	6.59
85-86.......	0.08547	34,150	2,919	0.500	32,691	209,053	6.12
86-87.......	0.10395	31,231	3,246	0.500	29,608	176,363	5.65
87-88.......	0.10634	27,985	2,976	0.500	26,497	146,755	5.24
88-89.......	0.13013	25,009	3,254	0.500	23,382	120,258	4.81
89-90.......	0.15078	21,755	3,280	0.500	20,115	96,876	4.45
90+.........	1.00000	18,475	18,475	.	76,761	76,761	4.15

Table 82. Complete Life Table for Male Colorado Population, 1987

Age Interval in Years	Proportion Dying in Interval (X,X+1) (2)	Number Living at Age X (3)	Number Dying in Interval (X,X+1) (4)	Fraction of Last Year of Life (5)	Number of Years Lived in Interval (X,X+1) (6)	Total Number of Years Lived Beyond Age X (7)	Observed Expectation Of Life at Age X
0-1.........	0.01013	100,000	1,013	0.208	99,198	7,348,780	73.49
1-2.........	0.00084	98,987	83	0.500	98,946	7,249,582	73.24
2-3.........	0.00079	98,904	79	0.500	98,865	7,150,636	72.30
3-4.........	0.00044	98,825	44	0.500	98,803	7,051,772	71.36
4-5.........	0.00015	98,781	15	0.500	98,774	6,952,969	70.39
5-6.........	0.00027	98,766	27	0.500	98,753	6,854,195	69.40
6-7.........	0.00027	98,739	27	0.500	98,726	6,755,443	68.42
7-8.........	0.00036	98,712	35	0.500	98,695	6,656,717	67.44
8-9.........	0.00016	98,677	16	0.500	98,669	6,558,023	66.46
9-10........	0.00037	98,661	37	0.500	98,643	6,459,354	65.47
10-11.......	0.00034	98,624	33	0.500	98,608	6,360,711	64.49
11-12.......	0.00021	98,591	21	0.500	98,581	6,262,104	63.52
12-13.......	0.00017	98,570	17	0.500	98,562	6,163,523	62.53
13-14.......	0.00047	98,553	46	0.500	98,530	6,064,962	61.54
14-15.......	0.00045	98,507	45	0.500	98,485	5,96[illegible],432	60.57
15-16.......	0.00056	98,462	55	0.500	98,435	5,8[illegible],947	59.60
16-17.......	0.00047	98,407	46	0.500	98,384	5,769,513	58.63
17-18.......	0.00129	98,361	127	0.500	98,298	5,671,129	57.66
18-19.......	0.00100	98,234	98	0.500	98,185	5,572,831	56.73
19-20.......	0.00108	98,136	106	0.500	98,083	5,474,646	55.79
20-21.......	0.00115	98,030	113	0.500	97,974	5,376,563	54.85
21-22.......	0.00132	97,917	129	0.500	97,853	5,278,590	53.91
22-23.......	0.00175	97,788	171	0.500	97,703	5,180,737	52.98
23-24.......	0.00140	97,617	136	0.500	97,549	5,083,035	52.07
24-25.......	0.00160	97,481	156	0.500	97,403	4,985,486	51.14
25-26.......	0.00158	97,325	154	0.500	97,248	4,888,083	50.22
26-27.......	0.00113	97,171	110	0.500	97,116	4,790,835	49.30
27-28.......	0.00171	97,061	166	0.500	96,978	4,693,719	48.36
28-29.......	0.00156	96,895	151	0.500	96,820	4,596,741	47.44
29-30.......	0.00154	96,744	149	0.500	96,670	4,499,921	46.51
30-31.......	0.00156	96,595	150	0.500	96,520	4,403,252	45.58
31-32.......	0.00155	96,445	149	0.500	96,371	4,306,732	44.65
32-33.......	0.00179	96,296	172	0.500	96,210	4,210,361	43.72
33-34.......	0.00123	96,124	119	0.500	96,065	4,114,151	42.80
34-35.......	0.00184	96,005	177	0.500	95,917	4,018,087	41.85
35-36.......	0.00166	95,828	159	0.500	95,749	3,922,170	40.93
36-37.......	0.00186	95,669	178	0.500	95,580	3,826,422	40.00
37-38.......	0.00139	95,491	133	0.500	95,425	3,730,842	39.07
38-39.......	0.00197	95,358	188	0.500	95,264	3,635,417	38.12
39-40.......	0.00233	95,170	222	0.500	95,059	3,540,153	37.20
40-41.......	0.00266	94,948	253	0.500	94,822	3,445,094	36.28
41-42.......	0.00210	94,695	198	0.500	94,596	3,350,273	35.38
42-43.......	0.00214	94,497	202	0.500	94,396	3,255,677	34.45
43-44.......	0.00279	94,295	263	0.500	94,164	3,161,281	33.53
44-45.......	0.00192	94,032	181	0.500	93,942	3,067,117	32.62
45-46.......	0.00314	93,851	295	0.500	93,704	2,973,176	31.68
46-47.......	0.00323	93,556	303	0.500	93,405	2,879,472	30.78
47-48.......	0.00307	93,253	286	0.500	93,110	2,786,068	29.88
48-49.......	0.00353	92,967	328	0.500	92,803	2,692,958	28.97
49-50.......	0.00464	92,639	430	0.500	92,424	2,600,155	28.07
50-51.......	0.00455	92,209	420	0.500	91,999	2,507,731	27.20
51-52.......	0.00464	91,789	426	0.500	91,576	2,415,732	26.32
52-53.......	0.00663	91,363	606	0.500	91,060	2,324,156	25.44
53-54.......	0.00665	90,757	603	0.500	90,456	2,233,096	24.61

Table 82, Continued.

Age Interval in Years	Proportion Dying in Interval (X,X+1) (2)	Number Living at Age X (3)	Number Dying in Interval (X,X+1) (4)	Fraction of Last Year of Life (5)	Number of Years Lived in Interval (X,X+1) (6)	Total Number of Years Lived Beyond Age X (7)	Observed Expectation Of Life at Age X
54-55.......	0.00677	90,154	610	0.500	89,849	2,142,640	23.77
55-56.......	0.01010	89,544	904	0.500	89,092	2,052,791	22.92
56-57.......	0.00986	88,640	874	0.500	88,203	1,963,699	22.15
57-58.......	0.00870	87,766	763	0.500	87,385	1,875,496	21.37
58-59.......	0.01067	87,003	928	0.500	86,539	1,788,112	20.55
59-60.......	0.01155	86,075	994	0.500	85,578	1,701,573	19.77
60-61.......	0.01402	85,081	1,193	0.500	84,485	1,615,995	18.99
61-62.......	0.01601	83,888	1,343	0.500	83,217	1,531,510	18.26
62-63.......	0.01732	82,545	1,429	0.500	81,831	1,448,294	17.55
63-64.......	0.01800	81,116	1,460	0.500	80,386	1,366,463	16.85
64-65.......	0.02213	79,656	1,763	0.500	78,775	1,286,077	16.15
65-66.......	0.01906	77,893	1,485	0.500	77,151	1,207,303	15.50
66-67.......	0.02307	76,408	1,763	0.500	75,527	1,130,152	14.79
67-68.......	0.02665	74,645	1,989	0.500	73,651	1,054,626	14.13
68-69.......	0.02919	72,656	2,121	0.500	71,596	980,975	13.50
69-70.......	0.03146	70,535	2,219	0.500	69,426	909,380	12.89
70-71.......	0.03243	68,316	2,215	0.500	67,209	839,954	12.30
71-72.......	0.03499	66,101	2,313	0.500	64,945	772,746	11.69
72-73.......	0.03747	63,788	2,390	0.500	62,593	707,801	11.10
73-74.......	0.04042	61,398	2,482	0.500	60,157	645,208	10.51
74-75.......	0.04802	58,916	2,829	0.500	57,502	585,051	9.93
75-76.......	0.05538	56,087	3,106	0.500	54,534	527,550	9.41
76-77.......	0.05842	52,981	3,095	0.500	51,434	473,016	8.93
77-78.......	0.06321	49,886	3,153	0.500	48,310	421,582	8.45
78-79.......	0.07641	46,733	3,571	0.500	44,948	373,273	7.99
79-80.......	0.07350	43,162	3,173	0.500	41,576	328,325	7.61
80-81.......	0.07867	39,989	3,146	0.500	38,416	286,750	7.17
81-82.......	0.08880	36,843	3,272	0.500	35,207	248,334	6.74
82-83.......	0.09866	33,571	3,312	0.500	31,915	213,127	6.35
83-84.......	0.10059	30,259	3,044	0.500	28,737	181,212	5.99
84-85.......	0.11030	27,215	3,002	0.500	25,714	152,475	5.60
85-86.......	0.11446	24,213	2,771	0.500	22,828	126,761	5.24
86-87.......	0.11386	21,442	2,441	0.500	20,222	103,933	4.85
87-88.......	0.13293	19,001	2,526	0.500	17,738	83,712	4.41
88-89.......	0.15916	16,475	2,622	0.500	15,164	65,974	4.00
89-90.......	0.21381	13,853	2,962	0.500	12,372	50,810	3.67
90+.........	1.00000	10,891	10,891	.	38,438	38,438	3.53

Table 83. Complete Life Table for Female Colorado Population, 1987

Age Interval in Years	Proportion Dying in Interval (X,X+1) (2)	Number Living at Age X (3)	Number Dying in Interval (X,X+1) (4)	Fraction of Last Year of Life (5)	Number of Years Lived in Interval (X,X+1) (6)	Total Number of Years Lived Beyond Age X (7)	Observed Expectation Of Life at Age X
0-1.........	0.00771	100,000	771	0.204	99,386	7,963,784	79.64
1-2.........	0.00070	99,229	69	0.500	99,195	7,864,398	79.26
2-3.........	0.00042	99,160	41	0.500	99,140	7,765,204	78.31
3-4.........	0.00012	99,119	12	0.500	99,113	7,666,064	77.34
4-5.........	0.00012	99,107	12	0.500	99,101	7,566,951	76.35
5-6.........	0.00036	99,095	36	0.500	99,077	7,467,850	75.36
6-7.........	0.00016	99,059	16	0.500	99,051	7,368,773	74.39
7-8.........	0.00029	99,043	29	0.500	99,029	7,269,722	73.40
8-9.........	0.00013	99,014	13	0.500	99,008	7,170,694	72.42
9-10........	0.00017	99,001	17	0.500	98,993	7,071,686	71.43
10-11.......	0.00009	98,984	9	0.500	98,980	6,972,694	70.44
11-12.......	0.00018	98,975	18	0.500	98,966	6,873,714	69.45
12-13.......	0.00014	98,957	13	0.500	98,951	6,774,748	68.46
13-14.......	0.00009	98,944	9	0.500	98,940	6,675,798	67.47
14-15.......	0.00004	98,935	4	0.500	98,933	6,576,858	66.48
15-16.......	0.00034	98,931	34	0.500	98,914	6,477,925	65.48
16-17.......	0.00042	98,897	41	0.500	98,877	6,379,011	64.50
17-18.......	0.00049	98,856	48	0.500	98,832	6,280,135	63.53
18-19.......	0.00063	98,808	62	0.500	98,777	6,181,303	62.56
19-20.......	0.00038	98,746	38	0.500	98,727	6,082,526	61.60
20-21.......	0.00041	98,708	40	0.500	98,688	5,983,799	60.62
21-22.......	0.00036	98,668	35	0.500	98,651	5,885,111	59.65
22-23.......	0.00018	98,633	17	0.500	98,625	5,786,460	58.67
23-24.......	0.00052	98,616	51	0.500	98,591	5,687,836	57.68
24-25.......	0.00041	98,565	40	0.500	98,545	5,589,245	56.71
25-26.......	0.00044	98,525	43	0.500	98,504	5,490,700	55.73
26-27.......	0.00053	98,482	52	0.500	98,456	5,392,197	54.75
27-28.......	0.00079	98,430	77	0.500	98,392	5,293,741	53.78
28-29.......	0.00065	98,353	64	0.500	98,321	5,195,349	52.82
29-30.......	0.00064	98,289	62	0.500	98,258	5,097,028	51.86
30-31.......	0.00091	98,227	89	0.500	98,183	4,998,770	50.89
31-32.......	0.00068	98,138	67	0.500	98,105	4,900,588	49.94
32-33.......	0.00080	98,071	79	0.500	98,032	4,802,483	48.97
33-34.......	0.00084	97,992	82	0.500	97,951	4,704,452	48.01
34-35.......	0.00076	97,910	74	0.500	97,873	4,606,501	47.05
35-36.......	0.00074	97,836	73	0.500	97,800	4,508,628	46.08
36-37.......	0.00106	97,763	103	0.500	97,712	4,410,828	45.12
37-38.......	0.00072	97,660	70	0.500	97,625	4,313,117	44.16
38-39.......	0.00107	97,590	104	0.500	97,538	4,215,492	43.20
39-40.......	0.00127	97,486	123	0.500	97,425	4,117,954	42.24
40-41.......	0.00126	97,363	123	0.500	97,302	4,020,529	41.29
41-42.......	0.00108	97,240	105	0.500	97,188	3,923,228	40.35
42-43.......	0.00159	97,135	154	0.500	97,058	3,826,040	39.39
43-44.......	0.00140	96,981	136	0.500	96,913	3,728,982	38.45
44-45.......	0.00178	96,845	172	0.500	96,759	3,632,069	37.50
45-46.......	0.00136	96,673	132	0.500	96,607	3,535,310	36.57
46-47.......	0.00216	96,541	209	0.500	96,437	3,438,703	35.62
47-48.......	0.00228	96,332	220	0.500	96,222	3,342,267	34.70
48-49.......	0.00288	96,112	277	0.500	95,974	3,246,045	33.77
49-50.......	0.00275	95,835	263	0.500	95,704	3,150,071	32.87
50-51.......	0.00232	95,572	222	0.500	95,461	3,054,368	31.96
51-52.......	0.00295	95,350	281	0.500	95,210	2,958,907	31.03
52-53.......	0.00309	95,069	294	0.500	94,922	2,863,697	30.12
53-54.......	0.00392	94,775	372	0.500	94,589	2,768,775	29.21

Table 83, Continued.

Age Interval in Years	Proportion Dying in Interval (X,X+1) (2)	Number Living at Age X (3)	Number Dying in Interval (X,X+1) (4)	Fraction of Last Year of Life (5)	Number of Years Lived in Interval (X,X+1) (6)	Total Number of Years Lived Beyond Age X (7)	Observed Expectation Of Life at Age X
54-55.......	0.00438	94,403	413	0.500	94,197	2,674,186	28.33
55-56.......	0.00503	93,990	473	0.500	93,754	2,579,990	27.45
56-57.......	0.00475	93,517	444	0.500	93,295	2,486,236	26.59
57-58.......	0.00556	93,073	517	0.500	92,815	2,392,941	25.71
58-59.......	0.00603	92,556	558	0.500	92,277	2,300,127	24.85
59-60.......	0.00786	91,998	723	0.500	91,637	2,207,850	24.00
60-61.......	0.00877	91,275	800	0.500	90,875	2,116,213	23.19
61-62.......	0.00910	90,475	823	0.500	90,064	2,025,338	22.39
62-63.......	0.00796	89,652	714	0.500	89,295	1,935,275	21.59
63-64.......	0.00942	88,938	837	0.500	88,520	1,845,980	20.76
64-65.......	0.00972	88,101	856	0.500	87,673	1,757,460	19.95
65-66.......	0.01407	87,245	1,227	0.500	86,632	1,669,787	19.14
66-67.......	0.01416	86,018	1,218	0.500	85,409	1,583,156	18.40
67-68.......	0.01614	84,800	1,369	0.500	84,116	1,497,747	17.66
68-69.......	0.01649	83,431	1,376	0.500	82,743	1,413,631	16.94
69-70.......	0.01994	82,055	1,636	0.500	81,237	1,330,888	16.22
70-71.......	0.01817	80,419	1,461	0.500	79,689	1,249,651	15.54
71-72.......	0.02163	78,958	1,708	0.500	78,104	1,169,963	14.82
72-73.......	0.02123	77,250	1,640	0.500	76,430	1,091,859	14.13
73-74.......	0.02380	75,610	1,799	0.500	74,711	1,015,429	13.43
74-75.......	0.02965	73,811	2,188	0.500	72,717	940,718	12.74
75-76.......	0.03205	71,623	2,295	0.500	70,476	868,001	12.12
76-77.......	0.03285	69,328	2,277	0.500	68,190	797,526	11.50
77-78.......	0.03774	67,051	2,531	0.500	65,786	729,336	10.88
78-79.......	0.03902	64,520	2,517	0.500	63,262	663,551	10.28
79-80.......	0.04370	62,003	2,710	0.500	60,648	600,289	9.68
80-81.......	0.05302	59,293	3,144	0.500	57,721	539,641	9.10
81-82.......	0.05665	56,149	3,181	0.500	54,559	481,920	8.58
82-83.......	0.06242	52,968	3,306	0.500	51,315	427,362	8.07
83-84.......	0.06886	49,662	3,420	0.500	47,952	376,047	7.57
84-85.......	0.06460	46,242	2,987	0.500	44,749	328,095	7.10
85-86.......	0.07134	43,255	3,086	0.500	41,712	283,346	6.55
86-87.......	0.09940	40,169	3,993	0.500	38,173	241,634	6.02
87-88.......	0.09463	36,176	3,423	0.500	34,465	203,462	5.62
88-89.......	0.11820	32,753	3,872	0.500	30,817	168,997	5.16
89-90.......	0.12681	28,881	3,662	0.500	27,050	138,180	4.78
90+.........	1.00000	25,219	25,219	.	111,130	111,130	4.41

Deaths by County and Region

Tables 84 through 88 provide death statistics by county and region in Colorado in 1987. Information on total deaths and infant deaths may be found in the Highlights chapter of this report. Figure 27 shows crude death rates by county in 1987. Figure 28 shows infant mortality rates by county in 1987. The effect of small numbers of events or small populations should be considered in any analysis of these figures or other presentations of county-specific data for Colorado.

Table 84.	Deaths by Age Group by County and Region: Colorado Residents, 1987
Table 85.	Deaths by Selected City of Residence: Colorado Residents, 1987
Table 86.	Deaths and Death Rates for Selected Age Groups by Sex by County and Region: Colorado Residents, 1987
Table 87.	Deaths by Race, Spanish Origin, and Sex by County and Region: Colorado Residents, 1987
Table 88.	Deaths and Death Rates for Leading Causes by County and Region: Colorado Residents, 1987

Figure 27. Death Rates by County: Colorado Residents, 1987

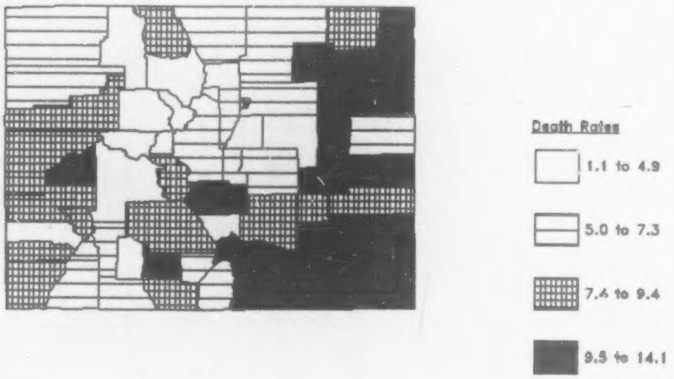


Figure 28. Infant Mortality Rates by County: Colorado Residents, 1987

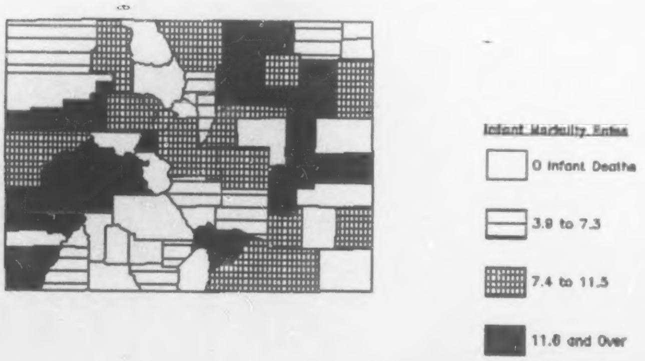


Table 84. Deaths by Age Group by County and Region: Colorado Residents, 1987

County/Region	Total Deaths	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Colorado	21,089	527	98	63	51	173	271	729	842	1,141	2,638	4,435	5,455	4,666
Adams	1,540	61	11	5	7	16	23	69	59	112	239	349	317	272
Alamosa	90	2	0	0	0	0	2	3	3	5	9	13	32	21
Arapahoe	1,665	68	11	7	7	17	22	72	85	134	261	367	347	267
Archuleta	30	0	0	0	0	0	1	3	3	2	4	9	6	2
Baca	48	0	0	0	0	0	0	2	0	3	4	5	15	19
Bent	55	0	0	0	0	2	1	2	1	1	12	11	16	9
Boulder	1,061	17	5	3	1	11	18	45	44	60	125	187	262	283
Chaffee	107	0	0	0	0	0	3	2	3	5	10	25	32	27
Cheyenne	27	1	0	0	0	0	0	0	0	0	6	6	7	7
Clear Creek	26	0	2	0	1	1	0	0	1	1	1	6	9	4
Conejos	71	1	0	1	0	0	3	1	0	1	10	15	19	20
Costilla	24	0	0	0	0	0	0	1	3	0	2	9	5	4
Crowley	33	1	0	0	0	0	0	0	0	1	3	8	11	9
Custer	6	0	0	0	0	0	0	0	2	2	0	1	0	1
Delta	266	3	1	1	0	1	0	3	7	11	22	51	96	70
Denver	4,509	102	12	8	3	18	55	165	192	212	551	911	1,237	1,043
Dolores	13	0	0	0	0	0	0	0	0	1	3	2	4	3
Douglas	133	7	4	1	0	3	0	7	15	15	13	18	27	23
Eagle	61	3	1	0	0	1	5	9	11	4	4	8	8	7
Elbert	40	0	0	1	0	1	0	0	3	3	6	6	11	9
El Paso	2,118	85	9	9	9	24	46	85	88	129	264	448	481	441
Fremont	358	2	0	0	0	3	6	5	9	10	29	86	128	80
Garfield	193	5	2	2	0	0	3	3	9	7	21	46	50	45
Gilpin	10	0	0	0	0	0	0	1	0	1	0	0	7	1
Grand	37	0	1	0	0	0	1	2	4	2	5	9	12	1
Gunnison	58	2	0	0	0	1	0	0	3	4	8	11	18	11
Hinsdale	2	0	0	0	0	0	0	0	0	0	0	1	1	0
Huerfano	69	1	0	0	0	2	1	1	1	1	4	17	17	24
Jackson	12	0	0	0	0	0	1	2	0	1	2	2	2	2
Jefferson	2,161	48	10	7	7	25	24	83	86	124	295	481	517	454
Kiowa	16	0	0	0	0	1	0	0	0	1	2	4	5	3
Kit Carson	51	0	0	0	0	0	1	2	3	1	6	10	17	11
Lake	32	3	0	1	0	1	1	1	1	3	5	7	7	2
La Plata	192	3	0	0	0	2	1	7	11	5	29	30	64	40
Larimer	1,015	22	5	4	4	15	12	29	36	50	118	213	245	262
Las Animas	197	2	0	0	0	3	2	5	3	3	25	49	57	48
Lincoln	51	1	0	0	0	0	0	0	0	3	3	8	18	18
Logan	170	1	0	1	1	0	0	0	3	5	13	35	62	49
Mesa	751	12	2	2	2	7	3	18	24	39	89	158	197	198
Mineral	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Moffat	63	1	1	0	1	0	1	0	2	4	9	12	18	14
Montezuma	144	5	0	1	0	1	2	8	4	7	15	39	39	23
Montrose	228	8	1	0	1	1	1	3	3	12	26	49	66	57
Morgan	230	4	1	0	0	1	2	2	2	12	26	39	82	59
Otero	238	3	1	1	0	2	4	4	5	9	27	48	70	64
Ouray	16	1	0	0	0	0	0	0	0	0	4	5	4	2
Park	41	1	1	0	0	1	0	1	5	3	9	8	9	3
Phillips	56	0	0	0	0	0	0	0	0	1	5	13	15	22
Pitkin	27	0	1	1	0	1	1	5	4	2	5	0	6	1
Prowers	148	2	1	0	0	0	2	3	7	10	15	29	37	42
Pueblo	1,205	10	3	3	3	2	9	27	51	54	124	281	367	271
Rio Blanco	37	0	0	0	1	0	1	3	1	1	2	10	11	7
Rio Grande	115	0	3	0	0	1	1	2	1	6	19	18	27	37
Routt	60	2	0	0	0	1	1	4	6	2	6	13	18	7
Saguache	31	0	1	0	0	0	0	1	0	1	3	6	13	6
San Juan	4	0	0	0	0	0	0	1	1	0	0	0	1	1
San Miguel	8	1	0	0	0	0	0	0	3	0	0	2	2	0

County/Region	Total Deaths	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Sedgwick	38	0	0	0	0	0	1	0	0	0	5	5	18	9
Summit	16	2	2	0	0	0	1	4	2	1	1	2	1	0
Teller	57	2	0	0	1	2	0	1	4	5	10	10	14	8
Washington	54	1	0	0	0	0	0	1	0	1	3	17	15	16
Weld	874	30	6	3	2	5	8	29	27	47	108	189	225	195
Yuma	100	1	0	1	0	0	1	2	1	1	12	18	31	32
Planning and Management Regions														
PMR 1	648	7	1	2	1	1	4	5	6	20	64	127	223	187
2	1,889	52	11	7	6	20	20	58	63	97	226	402	470	457
3	11,105	303	55	31	26	91	142	442	482	659	1,485	2,319	2,723	2,347
4	2,216	88	10	9	10	27	46	87	97	137	283	466	504	452
5	169	2	0	1	0	1	1	2	6	7	21	30	53	45
6	538	6	2	1	0	5	7	11	13	25	63	105	154	146
7	1,205	10	3	3	3	2	9	27	51	54	124	281	367	271
8	332	3	4	1	0	1	6	8	7	13	44	61	96	88
9	383	8	0	1	0	3	4	19	19	15	51	80	114	69
10	578	15	2	1	1	3	1	6	16	27	60	119	187	140
11	1,044	18	5	4	4	7	8	24	36	51	121	226	276	264
12	213	7	5	1	0	3	10	26	27	12	23	34	47	18
13	503	5	0	1	0	4	10	8	15	20	44	119	167	110
14	266	3	0	0	0	5	3	6	4	4	29	66	74	72
Metro/Non-Metro														
Denver PMSA	10,008	286	48	28	24	79	124	396	437	597	1,359	2,126	2,445	2,059
Denver CMSA	11,069	303	53	31	25	90	142	441	481	657	1,484	2,313	2,707	2,342
Total Metro	16,281	450	76	50	43	136	217	611	683	937	2,098	3,444	4,025	3,511
Non-Metro	4,808	77	22	13	8	37	54	118	159	204	540	991	1,430	1,155
Five-Region Substate Groups														
Front Range	16,281	450	76	50	43	136	217	611	683	937	2,098	3,444	4,025	3,511
Western Slope	2,218	48	12	7	5	16	23	75	98	105	255	459	624	491
Eastern Plains	1,355	15	3	4	1	7	12	18	25	52	148	262	430	378
San Luis Valley	332	3	4	1	0	1	6	8	7	13	44	61	96	88
Eastern Mtns	903	11	3	1	2	13	13	17	29	34	93	209	280	198
Population-Based Regions														
1 Denver	4,509	102	12	8	3	18	55	165	192	212	551	911	1,237	1,043
2 Jefferson	2,161	48	10	7	7	25	24	83	86	124	295	481	517	454
3 Boulder	1,061	17	5	3	1	11	18	45	44	60	125	187	262	283
4 Adams	1,540	61	11	5	7	16	23	69	59	112	239	349	317	272
5 Arapahoe	1,665	68	11	7	7	17	22	72	85	134	261	367	347	267
6 El Paso	2,118	85	9	9	9	24	46	85	88	129	264	448	481	441
7 Larimer	1,015	22	5	4	4	15	12	29	36	50	118	213	245	262
8 Pueblo	1,205	10	3	3	3	2	9	27	51	54	124	281	367	271
9 Weld	874	30	6	3	2	5	8	29	27	47	108	189	225	195
10 Northwest Reg	1,044	18	5	4	4	7	8	24	36	51	121	226	276	264
11 Western Reg	791	22	7	2	1	6	11	32	43	39	83	153	234	158
12 Eastern Reg	1,355	15	3	4	1	7	12	18	25	52	148	262	430	378
13 Central Reg	770	15	7	2	2	11	10	18	40	45	77	161	233	149
14 Southern Reg	981	14	4	2	0	9	13	33	30	32	124	207	284	229

Table 85. Deaths by Selected City of Residence: Colorado Residents, 1987

City	County	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Colorado		21,089	527	98	63	51	173	271	729	842	1,141	2,638	4,435	5,455	4,666
Aguilar	Las Animas	20	0	0	0	0	1	1	0	0	0	1	11	5	1
Akron	Washington	30	1	0	0	0	0	0	1	0	0	2	9	7	10
Alamosa	Alamosa	63	0	0	0	0	0	1	3	3	1	4	9	25	17
Arvada	Total	445	12	2	5	1	8	3	17	20	34	63	96	106	78
	Adams	15	1	0	0	0	0	0	3	1	3	0	4	0	3
	Jefferson	430	11	2	5	1	8	3	14	19	31	63	92	106	75
Aurora	Total	927	51	8	3	3	15	14	52	55	82	172	199	157	116
	Adams	158	8	1	0	0	3	2	10	9	12	36	42	22	13
	Arapahoe	769	43	7	3	3	12	12	42	46	70	136	157	135	103
Berthoud	Larimer	33	1	1	0	0	0	0	1	2	0	2	3	12	11
Boulder	Boulder	443	8	1	1	0	4	11	17	16	16	39	68	119	143
Brighton	Total	131	5	0	0	0	1	1	3	1	5	13	30	39	33
	Adams	130	4	0	0	0	1	1	3	1	5	13	30	39	33
	Weld	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Broomfield	Total	78	2	1	0	0	0	0	2	4	8	18	24	11	8
	Adams	10	0	1	0	0	0	0	0	0	0	3	4	2	0
	Boulder	56	1	0	0	0	0	0	1	3	6	12	18	9	6
	Jefferson	12	1	0	0	0	0	0	1	1	2	3	2	0	2
Brush	Morgan	73	1	0	0	0	1	1	1	0	5	4	7	26	27
Burlington	Kit Carson	28	0	0	0	0	0	0	1	2	1	3	4	13	4
Canon City	Fremont	211	2	0	0	0	1	2	3	4	4	17	46	81	51
Castle Rock	Douglas	36	1	0	0	0	0	0	0	1	2	4	8	8	12
Cedaredge	Delta	30	0	0	0	0	0	0	0	0	1	3	6	9	11
Clifton	Mesa	28	1	0	0	1	0	0	2	2	2	4	2	8	6
Colorado Springs	El Paso	1,777	65	8	7	6	15	29	63	68	103	203	381	413	416
Commerce City	Adams	165	7	2	0	1	3	1	9	12	5	37	35	33	20
Cortez	Montezuma	66	0	0	0	0	0	2	2	0	4	7	20	21	10
Craig	Moffat	51	1	0	0	1	0	1	0	2	4	5	10	14	13
Dacono	Weld	22	1	0	0	1	1	0	3	0	1	4	3	5	3
Delta	Delta	69	1	0	1	0	0	0	0	3	1	2	8	25	28
Denver	Denver	4,509	102	12	8	3	18	55	165	192	212	551	911	1,237	1,043
Durango	La Plata	92	1	0	0	0	1	0	4	7	2	12	11	30	24
Edgewater	Jefferson	26	1	0	0	0	0	0	0	0	1	1	15	2	6
Englewood/ Cherry Hills	Arapahoe	357	8	1	2	1	2	0	11	11	17	45	93	88	78
Estes Park	Larimer	34	0	0	0	0	0	0	1	1	2	5	9	10	6
Evans	Weld	26	0	1	0	0	0	0	0	0	3	5	8	7	2
Evergreen	Jefferson	22	2	0	0	1	0	1	1	0	1	3	4	5	4
Federal Heights	Adams	37	0	0	0	0	1	1	1	0	3	7	11	8	5
Florence	Fremont	55	0	0	0	0	1	1	1	2	3	4	13	17	13
Fort Collins	Larimer	439	7	1	1	1	5	5	13	14	17	52	85	111	127
Fort Lupton	Weld	37	1	0	0	0	0	0	1	1	1	2	10	13	8
Fort Morgan	Morgan	111	2	0	0	0	0	1	1	2	4	14	20	39	28
Fountain	El Paso	42	4	1	0	1	0	1	2	3	4	9	10	4	3
Fowler	Otero	28	1	0	0	0	0	0	0	0	0	4	2	8	13
Fruita	Mesa	39	2	0	0	0	0	0	0	0	0	4	6	13	14
Glenwood Springs	Garfield	48	0	0	0	0	0	2	0	4	1	3	9	18	11
Golden	Jefferson	116	2	0	0	0	1	2	3	7	6	24	21	32	18
Grand Junction	Mesa	395	6	1	1	1	2	2	7	13	21	39	82	109	111
Greeley	Weld	466	10	2	1	0	0	4	11	14	28	57	98	114	127
Gunnison	Gunnison	33	1	0	0	0	0	0	0	1	3	4	7	10	7
Haxtun	Phillips	20	0	0	0	0	0	0	0	0	0	1	5	7	7
Holyoke	Phillips	27	0	0	0	0	0	0	0	0	1	1	7	5	13
Julesburg	Sedgwick	23	0	0	0	0	0	1	0	0	0	3	3	12	4
La Junta	Otero	96	0	0	1	0	1	1	0	3	2	9	22	26	31
Lafayette	Boulder	40	1	0	0	0	2	0	4	0	1	6	12	12	2

City	County	Total	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Lakewood	Jefferson	822	10	1	1	2	9	6	25	28	42	102	192	202	202
Lamar	Prowers	102	2	1	0	0	0	2	3	6	9	9	21	23	26
Las Animas	Bent	38	0	0	0	0	1	0	2	1	1	6	6	13	8
Leadville	Lake	22	3	0	1	0	0	0	1	1	3	1	6	5	1
Limon	Lincoln	23	1	0	0	0	0	0	0	0	1	0	6	6	9
Littleton	Total	253	6	0	0	1	0	4	7	12	10	38	55	70	50
	Arapahoe	243	6	0	0	1	0	3	6	12	10	34	54	69	48
	Douglas	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jefferson	10	0	0	0	0	0	1	1	0	0	4	1	1	2
Longmont	Boulder	344	3	2	2	0	2	4	9	11	19	44	55	83	110
Louisville	Boulder	27	1	0	0	0	0	0	3	1	1	4	6	7	4
Loveland	Larimer	287	10	1	0	2	3	2	5	9	14	29	66	68	78
Manitou Springs	El Paso	36	1	0	0	0	0	1	2	0	1	4	13	11	3
Meeker	Rio Blanco	21	0	0	0	0	0	0	0	1	0	1	4	9	6
Monte Vista	Rio Grande	50	0	3	0	0	0	0	0	1	5	7	4	11	19
Montrose	Montrose	111	3	0	0	1	1	0	2	1	3	7	24	32	37
Morrison	Jefferson	36	0	1	0	0	1	0	3	2	0	5	7	9	8
Northglenn	Adams	162	3	0	0	2	0	4	6	6	13	22	33	39	34
Olathe	Montrose	20	2	0	0	0	0	0	0	0	1	1	4	9	3
Ordway	Crowley	21	0	0	0	0	0	0	0	0	1	2	5	7	6
Palisade	Mesa	32	0	0	1	0	0	0	1	0	2	1	4	7	16
Paonia	Delta	26	1	0	0	0	0	0	0	0	0	1	4	12	8
Pueblo	Pueblo	1,077	10	3	3	3	2	7	23	43	43	105	248	329	258
Rifle	Garfield	57	0	1	0	0	0	0	1	1	2	4	11	13	24
Rocky Ford	Otero	55	2	1	0	0	0	2	0	0	3	5	10	20	12
Salida	Chaffee	63	0	0	0	0	0	1	1	2	1	6	16	16	20
Springfield	Baca	24	0	0	0	0	0	0	1	0	1	2	1	7	12
Sterling	Logan	133	1	0	1	0	0	0	0	3	2	11	23	48	44
Thornton	Adams	220	11	3	3	2	2	3	11	11	18	18	45	39	54
Trinidad	Las Animas	133	1	0	0	0	2	1	1	1	3	14	26	41	43
Walsenberg	Huerfano	51	1	0	0	0	2	1	1	0	1	3	12	14	16
Westminster	Total	245	16	5	1	0	5	4	9	11	12	38	52	45	47
	Adams	213	13	3	1	0	4	2	6	7	12	32	47	42	44
	Jefferson	32	3	2	0	0	1	2	3	4	0	6	5	3	3
Wheat Ridge	Jefferson	327	3	1	0	1	0	4	6	9	8	25	76	94	100
Windsor	Weld	39	0	1	0	0	1	1	1	1	1	1	11	11	10
Wray	Yuma	35	0	0	0	0	0	0	0	0	0	8	5	12	10
Yuma	Yuma	38	1	0	1	0	0	0	1	1	1	1	8	12	12

Cities with 20 or more deaths in 1987 are included in this_table. Counts are presented as reported on certificates of death.

Table 86. Deaths and Death Rates for Selected Age Group by Sex by County and Region: Colorado Residents, 1987

	Male										Female									
	1-14		15-24		25-44		45-64		65+		1-14		15-24		25-44		45-64		65+	
County/ Region	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Colorado	137	0.4	335	1.2	1,050	1.8	2,361	8.5	6,826	55.1	75	0.2	109	0.4	521	0.9	1,418	4.9	7,730	43.4
Adams	19	0.6	32	1.5	87	1.8	219	9.4	463	52.1	4	0.1	7	0.3	41	0.8	132	5.3	475	40.9
Alamosa	0	0.0	2	1.8	1	0.5	7	7.7	30	60.7	0	0.0	0	0.0	5	2.5	7	6.8	36	51.4
Arapahoe	17	0.4	27	1.1	107	1.3	249	7.5	459	45.5	8	0.2	12	0.5	50	0.6	146	4.3	522	37.9
Archuleta	0	0.0	0	0.0	5	6.3	6	11.5	10	39.4	0	0.0	1	2.6	1	1.2	0	0.0	7	28.3
Baca	0	0.0	0	0.0	0	0.0	5	12.1	16	45.7	0	0.0	0	0.0	2	3.6	2	4.5	23	50.2
Bent	0	0.0	2	4.9	3	4.0	9	14.0	16	36.7	0	0.0	1	2.7	0	0.0	4	7.2	20	43.2
Boulder	5	0.2	21	0.9	62	1.5	111	6.5	322	52.3	4	0.2	8	0.4	27	0.7	74	4.3	410	43.3
Chaffee	0	0.0	2	1.5	3	1.6	11	9.8	49	67.0	0	0.0	1	1.0	2	1.2	4	3.6	35	34.5
Cheyenne	0	0.0	0	0.0	0	0.0	6	32.3	11	72.8	0	0.0	0	0.0	0	0.0	0	0.0	9	50.6
Clear Creek	1	1.0	1	1.8	1	0.6	1	1.5	11	56.7	2	2.1	0	0.0	0	0.0	1	1.7	8	30.8
Conejos	1	0.9	3	4.7	1	0.9	10	15.0	29	71.6	0	0.0	0	0.0	0	0.0	1	1.4	25	50.0
Costilla	0	0.0	0	0.0	2	4.0	2	7.5	9	41.9	0	0.0	0	0.0	2	4.3	0	0.0	9	37.2
Crowley	0	0.0	0	0.0	0	0.0	2	6.4	14	52.0	0	0.0	0	0.0	0	0.0	2	6.1	14	41.8
Custer	0	0.0	0	0.0	2	4.5	0	0.0	2	22.7	0	0.0	0	0.0	0	0.0	2	10.1	0	0.0
Delta	1	0.4	1	0.5	9	2.9	18	8.9	102	55.4	1	0.4	0	0.0	1	0.3	15	6.8	115	47.5
Denver	14	0.3	48	1.2	239	2.6	481	11.7	1,402	56.4	9	0.2	25	0.6	118	1.3	282	6.2	1,789	43.9
Dolores	0	0.0	0	0.0	0	0.0	3	20.4	5	56.8	0	0.0	0	0.0	0	0.0	1	6.5	4	39.6
Douglas	2	0.4	2	0.7	14	1.3	19	5.6	30	43.5	3	0.6	1	0.4	8	0.8	9	2.7	38	36.2
Eagle	1	0.5	4	1.8	14	2.7	4	3.9	14	63.9	0	0.0	2	1.1	6	1.5	4	4.5	9	39.5
Elbert	1	0.9	1	1.2	2	1.3	5	6.5	12	39.7	0	0.0	0	0.0	1	0.6	4	5.9	14	37.8
El Paso	19	0.4	53	1.2	109	1.7	232	7.5	612	52.2	8	0.2	17	0.5	64	1.1	161	4.7	758	43.8
Fremont	0	0.0	8	3.0	9	1.9	19	7.4	152	67.0	0	0.0	1	0.5	5	1.3	20	7.2	142	43.4
Garfield	3	1.0	2	1.1	8	1.6	14	6.7	72	77.3	1	0.3	1	0.6	4	0.9	14	7.0	69	51.0
Gilpin	0	0.0	0	0.0	1	1.6	1	4.0	4	54.1	0	0.0	0	0.0	0	0.0	0	0.0	4	40.4
Grand	0	0.0	1	1.2	5	2.2	6	8.4	16	73.7	1	1.0	0	0.0	1	0.5	1	1.5	6	25.5
Gunnison	0	0.0	1	0.4	3	1.4	9	12.2	20	84.7	0	0.0	0	0.0	0	0.0	3	4.3	20	69.2
Hinsdale	0	0.0	0	0.0	0	0.0	0	0.0	1	71.4	0	0.0	0	0.0	0	0.0	0	0.0	1	143.0
Huerfano	0	0.0	2	4.1	2	1.7	2	3.6	29	58.6	0	0.0	1	2.6	0	0.0	3	4.3	29	41.1
Jackson	0	0.0	1	9.2	2	8.9	3	14.6	2	28.6	0	0.0	0	0.0	0	0.0	0	0.0	4	48.8
Jefferson	17	0.4	41	1.2	110	1.4	259	6.3	655	52.3	7	0.2	8	0.3	59	0.8	160	3.9	797	46.3
Kiowa	0	0.0	0	0.0	0	0.0	2	10.4	6	39.2	0	0.0	1	10.6	0	0.0	1	4.3	6	36.4
Kit Carson	0	0.0	1	2.1	4	3.6	5	7.0	25	51.5	0	0.0	0	0.0	1	0.9	2	2.7	13	21.2
Lake	0	0.0	2	5.2	1	0.8	6	9.6	7	35.7	1	1.2	0	0.0	1	0.9	2	3.6	9	38.6
La Plata	0	0.0	2	0.6	11	2.0	23	9.8	67	59.9	0	0.0	1	0.4	7	1.3	11	4.6	67	45.1
Larimer	6	0.3	19	0.9	47	1.6	106	8.1	320	49.5	7	0.4	8	0.4	18	0.6	62	4.6	400	42.4
Las Animas	0	0.0	5	5.2	6	3.0	21	18.2	74	67.9	0	0.0	0	0.0	2	1.1	7	5.1	80	51.5
Lincoln	0	0.0	0	0.0	0	0.0	3	6.6	17	51.4	0	0.0	0	0.0	0	0.0	3	6.1	27	57.2
Logan	0	0.0	0	0.0	3	1.0	13	7.5	77	71.0	2	1.1	0	0.0	0	0.0	5	2.6	69	45.2
Mesa	4	0.4	10	1.6	24	1.6	87	11.7	268	61.3	2	0.2	0	0.0	18	1.3	41	5.2	285	46.2
Mineral	0	0.0	0	0.0	0	0.0	1	11.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Moffat	0	0.0	0	0.0	0	0.0	9	7.8	23	61.5	2	1.3	1	1.4	2	1.0	4	3.8	21	44.2
Montezuma	1	0.5	1	0.9	5	1.9	13	8.2	54	63.5	0	0.0	2	1.7	7	2.6	9	5.3	47	40.9
Montrose	2	0.7	1	0.6	5	1.3	29	11.9	78	52.8	0	0.0	1	0.6	1	0.3	9	3.5	94	49.1
Morgan	1	0.4	2	1.4	1	0.3	19	9.5	87	68.4	0	0.0	1	0.7	3	0.9	19	9.0	93	53.4
Otero	1	0.4	6	3.7	6	2.1	23	11.8	92	67.4	1	0.4	0	0.0	3	1.0	13	6.2	90	44.3
Ouray	0	0.0	0	0.0	0	0.0	2	11.1	6	56.6	0	0.0	0	0.0	0	0.0	2	10.8	5	39.7
Park	0	0.0	0	0.0	4	3.6	8	14.1	12	61.9	1	1.4	1	2.2	2	1.8	4	7.8	8	38.1
Phillips	0	0.0	0	0.0	0	0.0	5	12.5	21	59.7	0	0.0	0	0.0	0	0.0	1	2.3	29	57.4
Pitkin	1	1.0	2	1.6	7	1.9	4	4.0	6	30.6	1	1.1	0	0.0	2	0.7	3	3.6	1	4.8
Prowers	1	0.5	2	2.2	4	2.0	13	11.9	58	88.7	0	0.0	0	0.0	6	2.9	12	9.5	50	51.7
Pueblo	9	0.7	9	0.8	52	2.8	107	9.1	468	64.3	0	0.0	2	0.2	26	1.4	71	5.5	451	44.2
Rio Blanco	1	1.4	1	2.5	4	4.1	1	1.7	15	81.5	0	0.0	0	0.0	0	0.0	2	3.6	13	51.2
Rio Grande	2	1.4	2	2.5	2	1.1	19	20.4	35	52.8	1	0.7	0	0.0	1	0.6	6	5.5	47	57.9
Routt	0	0.0	1	0.9	6	1.7	4	3.8	21	75.5	0	0.0	1	1.0	4	1.3	4	4.4	17	45.6
Saguache	0	0.0	0	0.0	1	1.7	2	5.9	12	56.6	1	2.1	0	0.0	0	0.0	2	5.4	13	44.8

	Male										Female									
County/	1-14		15-24		25-44		45-64		65+		1-14		15-24		25-44		45-64		65+	
Region	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
San Juan	0	0.0	0	0.0	1	6.9	0	0.0	1	66.7	0	0.0	0	0.0	1	7.3	0	0.0	1	111.0
San Miguel	0	0.0	0	0.0	3	3.2	0	0.0	3	42.3	0	0.0	0	0.0	0	0.0	0	0.0	1	11.0
Sedgwick	0	0.0	0	0.0	0	0.0	4	13.5	17	65.6	0	0.0	1	5.1	0	0.0	1	3.1	15	44.8
Summit	2	1.5	1	0.5	5	1.2	1	1.5	1	9.9	0	0.0	0	0.0	1	0.3	1	1.8	2	21.7
Teller	0	0.0	1	1.0	4	2.0	9	9.1	16	44.3	1	0.8	1	1.1	1	0.5	6	6.3	16	37.3
Washington	0	0.0	0	0.0	1	1.4	3	6.0	23	62.7	0	0.0	0	0.0	0	0.0	1	1.8	25	57.2
Weld	5	0.3	12	0.9	40	1.8	95	8.7	307	57.0	6	0.4	1	0.1	16	0.7	60	5.3	302	40.3
Yuma	0	0.0	0	0.0	2	1.5	11	12.3	40	62.2	1	0.9	1	1.7	1	0.7	2	2.1	41	47.8
Planning and Management Regions																				
PMR 1	1	0.1	2	0.5	7	0.8	55	9.4	265	66.6	3	0.4	3	0.7	4	0.4	29	4.6	272	50.4
2	11	0.3	31	0.9	87	1.7	201	8.4	627	52.9	13	0.4	9	0.3	34	0.7	122	4.9	702	41.5
3	75	0.4	172	1.2	621	1.7	1,340	8.4	3,346	52.7	37	0.2	61	0.4	303	0.9	804	4.8	4,043	42.9
4	19	0.4	54	1.2	117	1.8	249	7.7	640	52.2	10	0.2	19	0.5	67	1.1	171	4.8	782	43.6
5	1	0.4	2	1.2	6	1.7	19	8.9	65	51.2	0	0.0	0	0.0	2	0.6	9	4.2	63	38.6
6	2	0.3	10	2.7	13	1.7	54	11.7	202	62.6	1	0.2	2	0.6	11	1.6	34	6.9	203	45.9
7	9	0.7	9	0.8	52	2.8	107	9.1	468	64.3	0	0.0	2	0.2	26	1.4	71	5.5	451	44.2
8	3	0.6	7	2.3	7	1.1	41	12.8	115	56.8	2	0.4	0	0.0	8	1.3	16	4.5	130	50.1
9	1	0.2	3	0.6	22	2.4	45	9.7	137	58.9	0	0.0	4	0.9	16	1.8	21	4.3	126	42.2
10	3	0.4	3	0.5	20	1.9	58	10.2	210	56.0	1	0.2	1	0.2	2	0.2	29	5.0	236	48.7
11	8	0.5	13	1.4	36	1.6	111	9.8	378	64.5	5	0.3	2	0.2	24	1.1	61	5.3	388	47.0
12	4	0.5	10	1.3	39	2.1	22	4.7	60	55.5	2	0.3	3	0.5	14	0.9	13	3.3	39	32.0
13	0	0.0	12	2.7	15	1.8	36	8.0	210	63.9	1	0.2	2	0.5	8	1.1	28	6.1	186	40.1
14	0	0.0	7	4.8	8	2.5	23	13.4	103	65.0	0	0.0	1	0.8	2	0.7	10	4.9	109	48.2
Metro/Non-Metro																				
Denver PMSA	69	0.4	150	1.2	557	1.8	1,227	8.7	3,009	52.7	31	0.2	53	0.4	276	0.9	729	4.9	3,621	42.9
Denver CMSA	74	0.4	171	1.2	619	1.8	1,338	8.4	3,331	52.7	35	0.2	61	0.4	303	0.9	803	4.8	4,031	42.9
Total Metro	113	0.4	264	1.1	867	1.8	1,878	8.3	5,038	53.6	56	0.2	89	0.4	427	0.9	1,157	4.8	5,942	43.0
Non-Metro	24	0.4	71	1.4	183	1.8	483	9.5	1,788	61.2	19	0.3	20	0.5	94	1.0	261	5.0	1,788	45.6
Five-Region Substate Groups																				
Front Range	113	0.4	264	1.1	867	1.8	1,878	8.3	5,038	53.6	56	0.2	89	0.4	427	0.9	1,157	4.8	5,942	43.0
West Slope	16	0.4	29	1.0	117	1.9	236	9.0	785	60.3	8	0.2	1	0.4	56	1.0	124	4.8	789	45.6
Eastern Plns	4	0.3	14	1.5	26	1.3	128	10.2	532	62.8	4	0.3	5	0.6	17	0.9	72	5.4	538	47.0
San Luis Val	3	0.6	7	2.3	7	1.1	41	12.8	115	56.8	2	0.4	0	0.0	8	1.3	16	4.5	130	50.1
Eastern Mtns	1	0.1	21	2.5	33	1.9	78	9.0	356	62.5	5	0.5	5	0.7	13	0.9	49	5.5	331	41.9
Population-Based Regions																				
1 Denver	14	0.3	48	1.2	239	2.6	481	11.7	1,402	56.4	9	0.2	25	0.6	118	1.3	282	6.2	1,789	43.9
2 Jefferson	17	0.4	41	1.2	110	1.4	259	6.3	655	52.3	7	0.2	8	0.3	59	0.8	160	3.9	797	46.3
3 Boulder	5	0.2	21	0.9	62	1.5	111	6.5	322	52.3	4	0.2	8	0.4	27	0.7	74	4.3	410	43.3
4 Adams	19	0.6	32	1.5	87	1.8	219	9.4	463	52.1	4	0.1	7	0.3	41	0.8	132	5.3	475	40.9
5 Arapahoe	17	0.4	27	1.1	107	1.3	249	7.5	459	45.5	8	0.2	12	0.5	50	0.6	146	4.3	522	37.9
6 El Paso	19	0.4	53	1.2	109	1.7	232	7.5	612	52.2	8	0.2	17	0.5	64	1.1	161	4.7	758	43.8
7 Larimer	6	0.3	19	0.9	47	1.6	106	8.1	320	49.5	7	0.4	8	0.4	18	0.6	62	4.6	400	42.4
8 Pueblo	9	0.7	9	0.8	52	2.8	107	9.1	468	64.3	0	0.0	2	0.2	26	1.4	71	5.5	451	44.2
9 Weld	5	0.3	12	0.9	40	1.8	95	8.7	307	57.0	6	0.4	1	0.1	16	0.7	60	5.3	302	40.3
10 Northwest	8	0.5	13	1.4	36	1.6	111	9.8	308	64.5	5	0.3	2	0.2	24	1.1	61	5.3	388	47.0
11 Western	7	0.5	13	0.9	59	2.0	80	7.8	270	55.9	3	0.2	4	0.3	16	0.6	42	4.3	275	45.3
12 Eastern	4	0.3	14	1.5	26	1.3	128	10.2	532	62.8	4	0.3	5	0.6	17	0.9	72	5.4	538	47.0
13 Central	3	0.2	16	1.7	39	1.6	74	7.2	283	59.0	8	0.6	5	0.6	19	0.9	48	4.7	260	38.9
14 Southern	4	0.3	17	1.8	37	2.0	109	11.4	355	59.8	2	0.2	5	0.6	26	1.5	47	4.5	365	46.5

Rates are per 1,000 population in each age group. Rates based on few actual cases must be viewed with caution.

Table 87. Deaths by Race, Spanish Origin, and Sex by County and Region: Colorado Residents, 1987

County or	All Races			Total White			Anglo White			Spanish Surname White			Total Non-White		
Region	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Colorado	21,089	11,016	10,073	20,231	10,563	9,668	18,598	9,618	8,980	1,633	945	688	854	451	403
Adams	1,540	852	688	1,495	824	671	1,354	739	615	141	85	56	45	28	17
Alamosa	90	42	48	90	42	48	59	26	33	31	16	15	0	0	0
Arapahoe	1,665	907	758	1,590	863	727	1,559	846	713	31	17	14	75	44	31
Archuleta	30	21	9	29	20	9	23	16	7	6	4	2	1	1	0
Baca	48	21	27	48	21	27	47	21	26	1	0	1	0	0	0
Bent	55	30	25	55	30	25	45	24	21	10	6	4	0	0	0
Boulder	1,061	530	531	1,048	524	524	1,015	503	512	33	21	12	12	6	6
Chaffee	107	65	42	107	65	42	98	59	39	9	6	3	0	0	0
Cheyenne	27	17	10	27	17	10	27	17	10	0	0	0	0	0	0
Clear Creek	26	15	11	25	15	10	25	15	10	0	0	0	1	0	1
Conejos	71	45	26	71	45	26	24	18	6	47	27	20	0	0	0
Costilla	24	13	11	24	13	11	7	4	3	17	9	8	0	0	0
Crowley	33	17	16	33	17	16	30	15	15	3	2	1	0	0	0
Custer	6	4	2	6	4	2	6	4	2	0	0	0	0	0	0
Delta	266	133	133	266	133	133	256	127	129	10	6	4	0	0	0
Denver	4,509	2,240	2,269	3,973	1,965	2,008	3,527	1,705	1,822	446	260	186	534	273	261
Dolores	13	8	5	13	8	5	13	8	5	0	0	0	0	0	0
Douglas	133	72	61	133	72	61	130	69	61	3	3	0	0	0	0
Eagle	61	40	21	61	40	21	49	32	17	12	8	4	0	0	0
Elbert	40	21	19	39	20	19	39	20	19	0	0	0	1	1	0
El Paso	2,118	1,075	1,043	2,009	1,019	990	1,906	966	940	103	53	50	109	56	53
Fremont	358	190	168	357	189	168	346	183	163	11	6	5	1	1	0
Garfield	193	100	93	193	100	93	189	99	90	4	1	3	0	0	0
Gilpin	10	6	4	10	6	4	10	6	4	0	0	0	0	0	0
Grand	37	28	9	37	28	9	36	27	9	1	1	0	0	0	0
Gunnison	58	34	24	58	34	24	56	33	23	2	1	1	0	0	0
Hinsdale	2	1	1	2	1	1	2	1	1	0	0	0	0	0	0
Huerfano	69	35	34	68	35	33	45	22	23	23	13	10	1	0	1
Jackson	12	8	4	11	7	4	11	7	4	0	0	0	1	1	0
Jefferson	2,161	1,111	1,050	2,136	1,096	1,040	2,062	1,057	1,005	74	39	35	25	15	10
Kiowa	16	8	8	16	8	8	15	8	7	1	0	1	0	0	0
Kit Carson	51	35	16	51	35	16	50	35	15	1	0	1	0	0	0
Lake	32	17	15	32	17	15	26	15	11	6	2	4	0	0	0
La Plata	192	105	87	189	103	86	175	96	79	14	7	7	3	2	1
Larimer	1,015	508	507	1,012	506	506	976	486	490	36	20	16	3	2	1
Las Animas	197	107	90	197	107	90	122	61	61	75	46	29	0	0	0
Lincoln	51	21	30	51	21	30	51	21	30	0	0	0	0	0	0
Logan	170	93	77	170	93	77	164	90	74	6	3	3	0	0	0
Mesa	751	399	352	746	395	351	714	373	341	32	22	10	5	4	1
Mineral	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0
Moffat	63	33	30	63	33	30	62	32	30	1	1	0	0	0	0
Montezuma	144	78	66	138	75	63	136	75	61	2	0	2	6	3	3
Montrose	228	118	110	228	118	110	218	111	107	10	7	3	0	0	0
Morgan	230	112	118	229	112	117	219	106	113	10	6	4	1	0	1
Otero	238	129	109	235	127	108	200	107	93	35	20	15	3	2	1
Ouray	16	8	8	16	8	8	16	8	8	0	0	0	0	0	0
Park	41	24	17	41	24	17	40	24	16	1	0	1	0	0	0
Phillips	56	26	30	56	26	30	56	26	30	0	0	0	0	0	0
Pitkin	27	20	7	27	20	7	27	20	7	0	0	0	0	0	0
Prowers	148	79	69	148	79	69	134	70	64	14	9	5	0	0	0
Pueblo	1,205	651	554	1,182	640	542	940	493	447	242	147	95	23	11	12
Rio Blanco	37	22	15	37	22	15	37	22	15	0	0	0	0	0	0
Rio Grande	115	60	55	115	60	55	88	46	42	27	14	13	0	0	0
Routt	60	33	27	60	33	27	59	32	27	1	1	0	0	0	0
Saguache	31	15	16	31	15	16	26	13	13	5	2	3	0	0	0
San Juan	4	2	2	4	2	2	4	2	2	0	0	0	0	0	0
San Miguel	8	7	1	8	7	1	8	7	1	0	0	0	0	0	0

County or Region	All Races			Total White			Anglo White			Spanish Surname White			Total Non-White		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Sedgwick	38	21	17	38	21	17	36	20	16	2	1	1	0	0	0
Summit	16	11	5	16	11	5	16	11	5	0	0	0	0	0	0
Teller	57	30	27	57	30	27	57	30	27	0	0	0	0	0	0
Washington	54	28	26	54	28	26	54	28	26	0	0	0	0	0	0
Weld	874	480	394	869	479	390	775	426	349	94	53	41	4	1	3
Yuma	100	54	46	100	54	46	100	54	46	0	0	0	0	0	0
Planning and Management Regions															
PMR 1	648	334	314	647	334	313	629	324	305	18	10	8	1	0	1
2	1,889	988	901	1,881	985	896	1,751	912	839	130	73	57	7	3	4
3	11,105	5,733	5,372	10,410	5,365	5,045	9,682	4,940	4,742	728	425	303	692	366	326
4	2,216	1,129	1,087	2,107	1,073	1,034	2,003	1,020	983	104	53	51	109	56	53
5	169	94	75	168	93	75	167	93	74	1	0	1	1	1	0
6	538	284	254	535	282	253	471	245	226	64	37	27	3	2	1
7	1,205	651	554	1,182	640	542	940	493	447	242	147	95	23	11	12
8	332	176	156	332	176	156	205	108	97	127	68	59	0	0	0
9	383	214	169	373	208	165	351	197	154	22	11	11	10	6	4
10	578	301	277	578	301	277	556	287	269	22	14	8	0	0	0
11	1,044	554	490	1,039	550	489	1,002	526	476	37	24	13	5	4	1
12	213	140	73	212	139	73	198	129	69	14	10	4	1	1	0
13	503	276	227	502	275	227	476	261	215	26	14	12	1	1	0
14	266	142	124	265	142	123	167	83	84	98	59	39	1	0	1
Metro/Non-Metro															
Denver PMSA	10,008	5,182	4,826	9,327	4,820	4,507	8,632	4,416	4,216	695	404	291	679	360	319
Denver CMSA	11,069	5,712	5,357	10,375	5,344	5,031	9,647	4,919	4,728	728	425	303	691	366	325
Total Metro	16,281	8,426	7,855	15,447	7,988	7,459	14,244	7,290	6,954	1,203	698	505	830	436	394
Non-Metro	4,808	2,590	2,218	4,784	2,575	2,209	4,354	2,328	2,026	430	247	183	24	15	9
Five-Region Substate Groups															
Front Range	16,281	8,426	7,855	15,447	7,988	7,459	14,244	7,290	6,954	1,203	698	505	830	436	394
West Slope	2,218	1,209	1,009	2,202	1,198	1,004	2,107	1,139	968	95	59	36	16	11	5
East Plains	1,355	712	643	1,350	709	641	1,267	662	605	83	47	36	5	3	2
San Luis Val	332	176	156	332	176	156	205	108	97	127	68	59	0	0	0
Eastern Mtns	903	493	410	900	492	408	775	419	356	125	73	52	3	1	2
Population-Based Regions															
1 Denver	4,509	2,240	2,269	3,973	1,965	2,008	3,527	1,705	1,822	446	260	186	534	273	261
2 Jefferson	2,161	1,111	1,050	2,136	1,096	1,040	2,062	1,057	1,005	74	39	35	25	15	10
3 Boulder	1,061	530	531	1,048	524	524	1,015	503	512	33	21	12	12	6	6
4 Adams	1,540	852	688	1,495	824	671	1,354	739	615	141	85	56	45	28	17
5 Arapahoe	1,665	907	758	1,590	863	727	1,559	846	713	31	17	14	75	44	31
6 El Paso	2,118	1,075	1,043	2,009	1,019	990	1,906	966	940	103	53	50	109	56	53
7 Larimer	1,015	508	507	1,012	506	506	976	486	490	36	20	16	3	2	1
8 Pueblo	1,205	651	554	1,182	640	542	940	493	447	242	147	95	23	11	12
9 Weld	874	480	394	869	479	390	775	426	349	94	53	41	4	1	3
10 Northwest	1,044	554	490	1,039	550	489	1,002	526	476	37	24	13	5	4	1
11 Western	791	441	350	790	440	350	754	416	338	36	24	12	1	1	0
12 Eastern	1,355	712	643	1,350	709	641	1,267	662	605	83	47	36	5	3	2
13 Central	770	423	347	768	422	346	738	405	333	30	17	13	2	1	1
14 Southern	981	532	449	970	526	444	723	388	335	247	138	109	11	6	5

Table 87, Continued.

County or Region	Black			Native American			Asian			Spanish Origin		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Colorado	702	370	332	50	28	22	101	52	49	1,409	826	583
Adams	26	17	9	3	3	0	16	8	8	104	59	45
Alamosa	0	0	0	0	0	0	0	0	0	24	13	11
Arapahoe	54	32	22	4	1	3	17	11	6	21	10	11
Archuleta	0	0	0	1	1	0	0	0	0	5	4	1
Baca	0	0	0	0	0	0	0	0	0	3	1	2
Bent	0	0	0	0	0	0	0	0	0	3	3	0
Boulder	6	2	4	2	2	0	4	2	2	31	19	12
Chaffee	0	0	0	0	0	0	0	0	0	6	3	3
Cheyenne	0	0	0	0	0	0	0	0	0	0	0	0
Clear Creek	0	0	0	1	0	1	0	0	0	1	1	0
Conejos	0	0	0	0	0	0	0	0	0	45	27	18
Costilla	0	0	0	0	0	0	0	0	0	17	10	7
Crowley	0	0	0	0	0	0	0	0	0	3	2	1
Custer	0	0	0	0	0	0	0	0	0	0	0	0
Delta	0	0	0	0	0	0	0	0	0	7	4	3
Denver	490	252	238	16	7	9	28	14	14	409	239	170
Dolores	0	0	0	0	0	0	0	0	0	0	0	0
Douglas	0	0	0	0	0	0	0	0	0	1	1	0
Eagle	0	0	0	0	0	0	0	0	0	8	6	2
Elbert	1	1	0	0	0	0	0	0	0	1	1	0
El Paso	87	46	41	5	3	2	17	7	10	86	46	40
Fremont	0	0	0	1	1	0	0	0	0	9	7	2
Garfield	0	0	0	0	0	0	0	0	0	1	0	1
Gilpin	0	0	0	0	0	0	0	0	0	0	0	0
Grand	0	0	0	0	0	0	0	0	0	1	1	0
Gunnison	0	0	0	0	0	0	0	0	0	1	1	0
Hinsdale	0	0	0	0	0	0	0	0	0	0	0	0
Huerfano	0	0	0	1	0	1	0	0	0	26	14	12
Jackson	0	0	0	1	1	0	0	0	0	0	0	0
Jefferson	9	7	2	2	1	1	14	7	7	53	31	22
Kiowa	0	0	0	0	0	0	0	0	0	1	0	1
Kit Carson	0	0	0	0	0	0	0	0	0	1	0	1
Lake	0	0	0	0	0	0	0	0	0	6	2	4
La Plata	0	0	0	3	2	1	0	0	0	4	2	2
Larimer	1	0	1	1	1	0	1	1	0	17	9	8
Las Animas	0	0	0	0	0	0	0	0	0	77	48	29
Lincoln	0	0	0	0	0	0	0	0	0	0	0	0
Logan	0	0	0	0	0	0	0	0	0	6	3	3
Mesa	2	1	1	1	1	0	1	1	0	20	14	6
Mineral	0	0	0	0	0	0	0	0	0	0	0	0
Moffat	0	0	0	0	0	0	0	0	0	1	1	0
Montezuma	0	0	0	6	3	3	0	0	0	1	0	1
Montrose	0	0	0	0	0	0	0	0	0	5	5	0
Morgan	0	0	0	1	0	1	0	0	0	10	7	3
Otero	2	1	1	1	1	0	0	0	0	30	18	12
Ouray	0	0	0	0	0	0	0	0	0	0	0	0
Park	0	0	0	0	0	0	0	0	0	1	0	1
Phillips	0	0	0	0	0	0	0	0	0	0	0	0
Pitkin	0	0	0	0	0	0	0	0	0	0	0	0
Prowers	0	0	0	0	0	0	0	0	0	12	9	3
Pueblo	21	10	11	0	0	0	2	1	1	232	139	93
Rio Blanco	0	0	0	0	0	0	0	0	0	0	0	0
Rio Grande	0	0	0	0	0	0	0	0	0	24	13	11
Routt	0	0	0	0	0	0	0	0	0	1	1	0
Saguache	0	0	0	0	0	0	0	0	0	5	2	3
San Juan	0	0	0	0	0	0	0	0	0	0	0	0
San Miguel	0	0	0	0	0	0	0	0	0	0	0	0

County or Region	Black Total	Black Male	Black Female	Native American Total	Native American Male	Native American Female	Asian Total	Asian Male	Asian Female	Spanish Origin Total	Spanish Origin Male	Spanish Origin Female
Sedgwick	0	0	0	0	0	0	0	0	0	2	1	1
Summit	0	0	0	0	0	0	0	0	0	0	0	0
Teller	0	0	0	0	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0	0	0	0	0
Weld	3	1	2	0	0	0	1	0	1	87	49	38
Yuma	0	0	0	0	0	0	0	0	0	0	0	0
Planning and Management Regions												
PMR 1	0	0	0	1	0	1	0	0	0	18	11	7
2	4	1	3	1	1	0	2	1	1	104	58	46
3	585	310	275	28	14	14	79	42	37	620	360	260
4	87	46	41	5	3	2	17	7	10	87	46	41
5	1	1	0	0	0	0	0	0	0	2	1	1
6	2	1	1	1	1	0	0	0	0	52	33	19
7	21	10	11	0	0	0	2	1	1	232	139	93
8	0	0	0	0	0	0	0	0	0	115	65	50
9	0	0	0	10	6	4	0	0	0	10	6	4
10	0	0	0	0	0	0	0	0	0	13	10	3
11	2	1	1	1	1	0	1	1	0	22	15	7
12	0	0	0	1	1	0	0	0	0	10	8	2
13	0	0	0	1	1	0	0	0	0	21	12	9
14	0	0	0	1	0	1	0	0	0	103	62	41
Metro/Non-Metro												
Denver PMSA	579	308	271	25	12	13	75	40	35	588	340	248
Denver CMSA	585	310	275	27	14	13	79	42	37	619	359	260
Total Metro	697	367	330	33	18	15	100	51	49	1,041	602	439
Non-Metro	5	3	2	17	10	7	1	1	0	368	224	144
Five-Region Substate Groups												
Front Range	697	367	330	33	18	15	100	51	49	1,041	602	439
West Slope	2	1	1	12	8	4	1	1	0	55	39	16
East Plains	3	2	1	2	1	1	0	0	0	72	45	27
San Luis Val	0	0	0	0	0	0	0	0	0	115	65	50
Eastern Mtns	0	0	0	3	1	2	0	0	0	126	75	51
Population-Based Regions												
1 Denver	490	252	238	16	7	9	28	14	14	409	239	170
2 Jefferson	9	7	2	2	1	1	14	7	7	53	31	22
3 Boulder	6	2	4	2	2	0	4	2	2	31	19	12
4 Adams	26	17	9	3	3	0	16	8	8	104	59	45
5 Arapahoe	54	32	22	4	1	3	17	11	6	21	10	11
6 El Paso	87	46	41	5	3	2	17	7	10	86	46	40
7 Larimer	1	0	1	1	1	0	1	1	0	17	9	8
8 Pueblo	21	10	11	0	0	0	2	1	1	232	139	93
9 Weld	3	1	2	0	0	0	1	0	1	87	49	38
10 Northwest	2	1	1	1	1	0	1	1	0	22	15	7
11 Western	0	0	0	1	1	0	0	0	0	23	18	5
12 Eastern	3	2	1	2	1	1	0	0	0	72	45	27
13 Central	0	0	0	2	1	1	0	0	0	24	14	10
14 Southern	0	0	0	11	6	5	0	0	0	228	133	95

Spanish origin is independent of race.

Table 88. Deaths and Death Rates for Leading Causes by County and Region: Colorado Residents, 1987

County/Region	Heart Disease		Malignant Neoplasms		Cerebrovascular Diseases		COPD		Total Accidents		Motor Vehicle Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Colorado	6,366	191.1	4,392	131.8	1,339	40.2	1,245	37.4	1,226	36.8	616	18.5
Adams	464	166.3	330	118.2	76	27.2	96	34.4	91	32.6	47	16.8
Alamosa	29	226.6	21	164.1	5	39.1	3	23.4	4	31.3	3	23.4
Arapahoe	466	118.8	385	98.1	109	27.8	99	25.2	88	22.4	49	12.5
Archuleta	9	165.1	4	73.4	4	73.4	1	18.3	6	110.1	3	55.0
Baca	24	549.6	7	160.3	0	0.0	1	22.9	2	45.8	1	22.9
Bent	14	248.2	9	159.5	5	88.6	2	35.5	4	70.9	2	35.5
Boulder	337	154.7	227	104.2	79	36.3	62	28.5	55	25.3	32	14.7
Chaffee	35	280.1	17	136.1	8	64.0	5	40.0	11	88.0	3	24.0
Cheyenne	11	471.1	5	214.1	2	85.7	1	42.8	2	85.7	1	42.8
Clear Creek	9	111.4	4	49.5	1	12.4	5	61.9	4	49.5	3	37.1
Conejos	27	331.9	7	86.0	2	24.6	6	73.8	8	98.3	3	36.9
Costilla	6	183.7	8	244.9	0	0.0	1	30.6	2	61.2	2	61.2
Crowley	10	254.1	6	152.5	1	25.4	2	50.8	0	0.0	0	0.0
Custer	2	92.9	0	0.0	0	0.0	0	0.0	2	92.9	2	92.9
Delta	79	339.9	60	258.2	14	60.2	14	60.2	13	55.9	4	17.2
Denver	1,340	258.7	892	172.2	284	54.8	291	56.2	184	35.5	82	15.8
Dolores	6	403.8	2	134.6	0	0.0	3	201.9	0	0.0	0	0.0
Douglas	36	77.2	32	68.7	8	17.2	5	10.7	5	10.7	3	6.4
Eagle	13	65.6	7	35.3	6	30.3	4	20.2	16	80.8	11	55.5
Elbert	11	123.2	11	123.2	1	11.2	2	22.4	5	56.0	4	44.8
El Paso	606	155.3	422	108.1	138	35.4	137	35.1	141	36.1	74	19.0
Fremont	121	399.2	62	204.6	28	92.4	27	89.1	26	85.8	12	39.6
Garfield	69	264.4	35	134.1	9	34.5	15	57.5	15	57.5	6	23.0
Gilpin	0	0.0	0	0.0	0	0.0	4	138.0	2	69.0	1	34.5
Grand	17	171.0	7	70.4	0	0.0	1	10.1	3	30.2	1	10.1
Gunnison	17	140.5	14	115.7	2	16.5	2	16.5	6	49.6	5	41.3
Hinsdale	2	547.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Huerfano	28	388.3	15	208.0	2	27.7	3	41.6	4	55.5	2	27.7
Jackson	4	260.6	0	0.0	1	65.1	0	0.0	1	65.1	0	0.0
Jefferson	592	138.2	505	117.9	121	28.3	120	28.0	129	30.1	60	14.0
Kiowa	5	281.2	1	56.2	1	56.2	1	56.2	3	168.7	1	56.2
Kit Carson	19	249.2	10	131.2	5	65.6	2	26.2	3	39.4	3	39.4
Lake	7	107.0	5	76.4	1	15.3	2	30.6	5	76.4	3	45.9
La Plata	51	166.6	37	120.9	11	35.9	13	42.5	22	71.9	12	39.2
Larimer	295	164.1	255	141.8	83	46.2	45	25.0	64	35.6	36	20.0
Las Animas	66	474.0	39	280.1	7	50.3	14	100.5	13	93.4	10	71.8
Lincoln	21	475.1	6	135.7	6	135.7	2	45.2	1	22.6	0	0.0
Logan	55	291.1	37	195.8	10	52.9	15	79.4	7	37.1	0	0.0
Mesa	248	282.5	160	182.2	55	62.6	38	43.3	41	46.7	14	15.9
Mineral	1	141.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Moffat	17	140.6	10	82.7	3	24.8	9	74.5	4	33.1	3	24.8
Montezuma	44	251.5	31	177.2	3	17.2	8	45.7	10	57.2	6	34.3
Montrose	71	279.3	51	200.6	8	31.5	14	55.1	14	55.1	4	15.7
Morgan	87	397.0	42	191.6	19	86.7	7	31.9	9	41.1	4	18.3
Otero	80	366.9	41	188.0	10	45.9	15	68.8	14	64.2	6	27.5
Ouray	3	164.7	6	329.5	0	0.0	0	0.0	1	54.9	0	0.0
Park	10	156.2	5	78.1	5	78.1	2	31.2	8	125.0	6	93.7
Phillips	26	571.2	11	241.7	6	131.8	2	43.9	4	87.9	3	65.9
Pitkin	3	22.3	4	29.8	1	7.4	0	0.0	9	67.0	6	44.7
Prowers	57	411.8	22	159.0	7	50.6	6	43.4	9	65.0	6	43.4
Pueblo	385	299.5	242	188.2	79	61.4	60	46.7	63	49.0	29	22.6
Rio Blanco	9	156.3	5	86.8	6	104.2	0	0.0	3	52.1	2	34.7
Rio Grande	41	347.6	23	195.0	11	93.3	8	67.8	4	33.9	0	0.0
Routt	12	81.3	11	74.5	4	27.1	2	13.5	11	74.5	4	27.1
Saguache	9	226.1	8	201.0	4	100.5	1	25.1	4	100.5	3	75.4
San Juan	0	0.0	0	0.0	0	0.0	0	0.0	1	135.9	0	0.0
San Miguel	3	79.1	1	26.4	1	26.4	0	0.0	2	52.7	0	0.0

County/Region	Heart Disease		Malignant Neoplasms		Cerebrovascular Diseases		COPD		Total Accidents		Motor Vehicle Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Sedgwick	11	384.1	9	314.2	2	69.8	3	104.7	4	139.7	1	34.9
Summit	3	20.2	1	6.7	0	0.0	1	6.7	3	20.2	3	20.2
Teller	17	149.7	12	105.6	3	26.4	3	26.4	10	88.0	4	35.2
Washington	14	278.4	14	278.4	8	159.1	2	39.8	2	39.8	1	19.9
Weld	267	191.1	183	131.0	70	50.1	54	38.6	43	30.8	25	17.9
Yuma	45	464.1	16	165.0	4	41.3	4	41.3	6	61.9	5	51.6
Planning and Management Regions												
PMR 1	238	378.1	129	204.9	49	77.8	33	52.4	32	50.8	14	22.2
2	562	175.9	438	137.1	153	47.9	99	31.0	107	33.5	61	19.1
3	3,244	171.4	2,375	125.5	678	35.8	682	36.0	558	29.5	277	14.6
4	633	155.2	439	107.6	146	35.8	142	34.8	159	39.0	84	20.6
5	62	266.0	32	137.3	14	60.1	7	30.0	11	47.2	8	34.3
6	190	369.9	86	167.4	24	46.7	27	52.6	32	62.3	16	31.1
7	385	299.5	242	188.2	79	61.4	60	46.7	63	49.0	29	22.6
8	113	277.8	67	164.7	22	54.1	19	46.7	22	54.1	11	27.0
9	110	197.2	74	132.7	18	32.3	25	44.8	39	69.9	21	37.6
10	175	262.2	132	197.8	25	37.5	30	45.0	36	53.9	13	19.5
11	343	260.4	210	159.4	73	55.4	62	47.1	63	47.8	25	19.0
12	52	70.0	30	40.4	12	16.1	8	10.8	43	57.9	25	33.6
13	165	320.4	84	163.1	37	71.8	34	66.0	44	85.4	20	38.8
14	94	444.8	54	255.5	9	42.6	17	80.4	17	80.4	12	56.8
Metro/Non-Metro												
Denver PMSA	2,898	174.1	2,144	128.8	598	35.9	611	36.7	497	29.9	241	14.5
Denver CMSA	3,235	171.9	2,371	126.0	677	36.0	673	35.8	552	29.3	273	14.5
Total Metro	4,788	176.0	3,473	127.7	1,047	38.5	969	35.6	863	31.7	437	16.1
Non-Metro	1,578	259.4	919	151.1	292	48.0	276	45.4	363	59.7	179	29.4
Five-Region Substate Groups												
Front Range	4,788	176.0	3,473	127.7	1,047	38.5	969	35.6	863	31.7	437	16.1
Western Slope	680	207.0	446	135.7	128	39.0	125	38.0	181	55.1	84	25.6
Eastern Plains	490	356.0	247	179.5	87	63.2	67	48.7	75	54.5	38	27.6
San Luis Valley	113	277.8	67	164.7	22	54.1	19	46.7	22	54.1	11	27.0
Eastern Mtns	295	291.0	159	156.8	55	54.3	65	64.1	85	83.8	46	45.4
Population-Based Regions												
1 Denver	1,340	258.7	892	172.2	284	54.8	291	56.2	184	35.5	82	15.8
2 Jefferson	592	138.2	505	117.9	121	28.3	120	28.0	129	30.1	60	14.0
3 Boulder	337	154.7	227	104.2	79	36.3	62	28.5	55	25.3	32	14.7
4 Adams	464	166.3	330	118.2	76	27.2	96	34.4	91	32.6	47	16.8
5 Arapahoe	466	118.8	385	98.1	109	27.8	99	25.2	88	22.4	49	12.5
6 El Paso	606	155.3	422	108.1	138	35.4	137	35.1	141	36.1	74	19.0
7 Larimer	295	164.1	255	141.8	83	46.2	45	25.0	64	35.6	36	20.0
8 Pueblo	385	299.5	242	188.2	79	61.4	60	46.7	63	49.0	29	22.6
9 Weld	267	191.1	183	131.0	70	50.1	54	38.6	43	30.8	25	17.9
10 Northwest Reg	343	260.4	210	159.4	73	55.4	62	47.1	63	47.8	25	19.0
11 Western Reg	227	160.9	162	114.8	37	26.2	38	26.9	79	56.0	38	26.9
12 Eastern Reg	490	356.0	247	179.5	87	63.2	67	48.7	75	54.5	38	27.6
13 Central Reg	237	186.8	137	108.0	54	42.6	53	41.8	73	57.6	37	29.2
14 Southern Reg	317	269.6	195	165.8	49	41.7	61	51.9	78	66.3	44	37.4

Table 88, Continued.

County/Region	Other Accidents		Influenza and Pneumonia		Suicide		Diabetes		Atherosclerosis		Chronic Liver Disease/Cirrhosis	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Colorado	610	18.3	901	27.0	561	16.8	370	11.1	326	9.8	258	7.7
Adams	44	15.8	51	18.3	52	18.6	29	10.4	17	6.1	19	6.8
Alamosa	1	7.8	4	31.3	2	15.6	4	31.3	0	0.0	4	31.3
Arapahoe	39	9.9	52	13.3	54	13.8	25	6.4	20	5.1	22	5.6
Archuleta	3	55.0	0	0.0	0	0.0	1	18.3	0	0.0	1	18.3
Baca	1	22.9	4	91.6	1	22.9	1	22.9	0	0.0	0	0.0
Bent	2	35.5	4	70.9	1	17.7	1	17.7	0	0.0	0	0.0
Boulder	23	10.6	34	15.6	30	13.8	15	6.9	20	9.2	9	4.1
Chaffee	8	64.0	2	16.0	4	32.0	1	8.0	2	16.0	2	16.0
Cheyenne	1	42.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Clear Creek	1	12.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Conejos	5	61.5	1	12.3	5	61.5	4	49.2	2	24.6	0	0.0
Costilla	0	0.0	1	30.6	1	30.6	2	61.2	0	0.0	0	0.0
Crowley	0	0.0	2	50.8	0	0.0	0	0.0	2	50.8	0	0.0
Custer	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Delta	9	38.7	21	90.4	7	30.1	4	17.2	5	21.5	0	0.0
Denver	102	19.7	239	46.1	93	18.0	81	15.6	80	15.4	78	15.1
Dolores	0	0.0	0	0.0	0	0.0	1	67.3	0	0.0	0	0.0
Douglas	2	4.3	5	10.7	7	15.0	3	6.4	3	6.4	3	6.4
Eagle	5	25.2	1	5.0	5	25.2	1	5.0	0	0.0	0	0.0
Elbert	1	11.2	2	22.4	2	22.4	0	0.0	1	11.2	0	0.0
El Paso	67	17.2	95	24.3	68	17.4	32	8.2	29	7.4	29	7.4
Fremont	14	46.2	9	29.7	4	13.2	6	19.8	14	46.2	2	6.6
Garfield	9	34.5	10	38.3	5	19.2	1	3.8	2	7.7	0	0.0
Gilpin	1	34.5	0	0.0	1	34.5	0	0.0	0	0.0	0	0.0
Grand	2	20.1	0	0.0	3	30.2	0	0.0	0	0.0	1	10.1
Gunnison	1	8.3	0	0.0	0	0.0	1	8.3	0	0.0	0	0.0
Hinsdale	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Huerfano	2	27.7	6	83.2	2	27.7	2	27.7	0	0.0	0	0.0
Jackson	1	65.1	0	0.0	1	65.1	0	0.0	0	0.0	1	65.1
Jefferson	69	16.1	103	24.0	66	15.4	33	7.7	66	15.4	20	4.7
Kiowa	2	112.5	0	0.0	0	0.0	2	112.5	0	0.0	0	0.0
Kit Carson	0	0.0	4	52.5	2	26.2	0	0.0	1	13.1	1	13.1
Lake	2	30.6	2	30.6	2	30.6	0	0.0	0	0.0	0	0.0
La Plata	10	32.7	10	32.7	4	13.1	2	6.5	3	9.8	1	3.3
Larimer	28	15.6	32	17.8	32	17.8	20	11.1	3	1.7	5	2.8
Las Animas	3	21.5	7	50.3	3	21.5	5	35.9	3	21.5	3	21.5
Lincoln	1	22.6	2	45.2	0	0.0	1	22.6	0	0.0	0	0.0
Logan	7	37.1	6	31.8	2	10.6	7	37.1	1	5.3	1	5.3
Mesa	27	30.8	34	38.7	9	10.3	12	13.7	7	8.0	8	9.1
Mineral	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Moffat	1	8.3	5	41.4	3	24.8	0	0.0	1	8.3	0	0.0
Montezuma	4	22.9	3	17.2	6	34.3	1	5.7	1	5.7	3	17.2
Montrose	10	39.3	7	27.5	6	23.6	1	3.9	6	23.6	3	11.8
Morgan	5	22.8	11	50.2	2	9.1	6	27.4	6	27.4	1	4.6
Otero	8	36.7	23	105.5	4	18.3	3	13.8	1	4.6	1	4.6
Ouray	1	54.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Park	2	31.2	2	31.2	1	15.6	1	15.6	1	15.6	1	15.6
Phillips	1	22.0	1	22.0	0	0.0	0	0.0	0	0.0	1	22.0
Pitkin	3	22.3	0	0.0	3	22.3	0	0.0	0	0.0	0	0.0
Prowers	3	21.7	6	43.4	4	28.9	2	14.5	9	65.0	2	14.5
Pueblo	34	26.4	48	37.3	27	21.0	28	21.8	13	10.1	23	17.9
Rio Blanco	1	17.4	1	17.4	3	52.1	1	17.4	0	0.0	1	17.4
Rio Grande	4	33.9	4	33.9	0	0.0	2	17.0	0	0.0	1	8.5
Routt	7	47.4	2	13.5	4	27.1	0	0.0	0	0.0	0	0.0
Saguache	1	25.1	0	0.0	0	0.0	1	25.1	0	0.0	0	0.0
San Juan	1	135.9	1	135.9	1	135.9	0	0.0	0	0.0	0	0.0
San Miguel	2	52.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

County/Region	Other Accidents		Influenza and Pneumonia		Suicide		Diabetes		Atherosclerosis		Chronic Liver Disease/Cirrhosis	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Sedgwick	3	104.7	0	0.0	0	0.0	2	69.8	0	0.0	0	0.0
Summit	0	0.0	1	6.7	2	13.5	0	0.0	0	0.0	0	0.0
Teller	6	52.8	2	17.6	2	17.6	0	0.0	0	0.0	1	8.8
Washington	1	19.9	2	39.8	0	0.0	0	0.0	2	39.8	1	19.9
Weld	18	12.9	33	23.6	24	17.2	22	15.7	4	2.9	9	6.4
Yuma	1	10.3	6	61.9	1	10.3	3	30.9	1	10.3	0	0.0
Planning and Management Regions												
PMR 1	18	28.6	26	41.3	5	7.9	18	28.6	10	15.9	4	6.4
2	46	14.4	65	20.3	56	17.5	42	13.1	7	2.2	14	4.4
3	281	14.8	484	25.6	303	16.0	186	9.8	206	10.9	151	8.0
4	75	18.4	99	24.3	71	17.4	33	8.1	30	7.4	31	7.6
5	3	12.9	8	34.3	4	17.2	1	4.3	2	8.6	1	4.3
6	16	31.1	39	75.9	10	19.5	9	17.5	12	23.4	3	5.8
7	34	26.4	48	37.3	27	21.0	28	21.8	13	10.1	23	17.9
8	11	27.0	10	24.6	8	19.7	13	32.0	2	4.9	5	12.3
9	18	32.3	14	25.1	11	19.7	5	9.0	4	7.2	5	9.0
10	23	34.5	28	42.0	13	19.5	6	9.0	11	16.5	3	4.5
11	38	28.8	50	38.0	20	15.2	14	10.6	10	7.6	9	6.8
12	18	24.2	4	5.4	18	24.2	1	1.3	0	0.0	2	2.7
13	24	46.6	13	25.2	10	19.4	7	13.6	16	31.1	4	7.8
14	5	23.7	13	61.5	5	23.7	7	33.1	3	14.2	3	14.2
Metro/Non-Metro												
Denver PMSA	256	15.4	450	27.0	272	16.3	171	10.3	186	11.2	142	8.5
Denver CMSA	279	14.8	484	25.7	302	16.0	186	9.9	206	10.9	151	8.0
Total Metro	426	15.7	692	25.4	453	16.7	288	10.6	255	9.4	217	8.0
Non-Metro	184	30.3	209	34.4	108	17.8	82	13.5	71	11.7	41	6.7
Five-Region Substate Groups												
Front Range	426	15.7	692	25.4	453	16.7	288	10.6	255	9.4	217	8.0
Western Slope	97	29.5	96	29.2	62	18.9	26	7.9	25	7.6	19	5.8
Eastern Plains	37	26.9	73	53.0	19	13.8	28	20.3	24	17.4	8	5.8
San Luis Valley	11	27.0	10	24.6	8	19.7	13	32.0	2	4.9	5	12.3
Eastern Mtns	39	38.5	30	29.6	19	18.7	15	14.8	20	19.7	9	8.9
Population-Based Regions												
1 Denver	102	19.7	239	46.1	93	18.0	81	15.6	80	15.4	78	15.1
2 Jefferson	69	16.1	103	24.0	66	15.4	33	7.7	66	15.4	20	4.7
3 Boulder	23	10.6	34	15.6	30	13.8	15	6.9	20	9.2	9	4.1
4 Adams	44	15.8	51	18.3	52	18.6	29	10.4	17	6.1	19	6.8
5 Arapahoe	39	9.9	52	13.3	54	13.8	25	6.4	20	5.1	22	5.6
6 El Paso	67	17.2	95	24.3	68	17.4	32	8.2	29	7.4	29	7.4
7 Larimer	28	15.6	32	17.8	32	17.8	20	11.1	3	1.7	5	2.8
8 Pueblo	34	26.4	48	37.3	27	21.0	28	21.8	13	10.1	23	17.9
9 Weld	18	12.9	33	23.6	24	17.2	22	15.7	4	2.9	9	6.4
10 Northwest Reg	38	28.8	50	38.0	20	15.2	14	10.6	10	7.6	9	6.8
11 Western Reg	41	29.1	32	22.7	31	22.0	7	5.0	11	7.8	5	3.5
12 Eastern Reg	37	26.9	73	53.0	19	13.8	28	20.3	24	17.4	8	5.8
13 Central Reg	36	28.4	22	17.3	21	16.6	11	8.7	20	15.8	9	7.1
14 Southern Reg	34	28.9	37	31.5	24	20.4	25	21.3	9	7.7	13	11.1

Table 88, Continued.

County/Region	Homicide		Conditions of Perinatal Period		Septicemia		Congenital Anomalies		All Other	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Colorado	204	6.1	200	6.0	191	5.7	185	5.6	3,325	99.8
Adams	23	8.2	29	10.4	17	6.1	16	5.7	230	82.4
Alamosa	0	0.0	0	0.0	1	7.8	0	0.0	13	101.6
Arapahoe	22	5.6	21	5.4	13	3.3	20	5.1	269	68.6
Archuleta	0	0.0	0	0.0	0	0.0	1	18.3	3	55.0
Baca	0	0.0	0	0.0	2	45.8	0	0.0	6	137.4
Bent	1	17.7	0	0.0	1	17.7	1	17.7	12	212.7
Boulder	12	5.5	4	1.8	5	2.3	10	4.6	162	74.4
Chaffee	0	0.0	0	0.0	2	16.0	0	0.0	18	144.1
Cheyenne	0	0.0	1	42.8	0	0.0	0	0.0	5	214.1
Clear Creek	0	0.0	0	0.0	0	0.0	0	0.0	3	37.1
Conejos	1	12.3	1	12.3	1	12.3	0	0.0	6	73.8
Costilla	0	0.0	0	0.0	1	30.6	0	0.0	2	61.2
Crowley	0	0.0	0	0.0	1	25.4	0	0.0	9	228.7
Custer	0	0.0	0	0.0	0	0.0	0	0.0	2	92.9
Delta	0	0.0	1	4.3	4	17.2	1	4.3	43	185.0
Denver	77	14.9	46	8.9	41	7.9	28	5.4	755	145.8
Dolores	0	0.0	0	0.0	0	0.0	0	0.0	1	67.3
Douglas	0	0.0	2	4.3	0	0.0	3	6.4	21	45.1
Eagle	2	10.1	1	5.0	0	0.0	0	0.0	5	25.2
Elbert	0	0.0	0	0.0	0	0.0	0	0.0	5	56.0
El Paso	24	6.2	22	5.6	18	4.6	41	10.5	316	81.0
Fremont	0	0.0	0	0.0	1	3.3	1	3.3	57	188.1
Garfield	0	0.0	3	11.5	2	7.7	1	3.8	26	99.6
Gilpin	0	0.0	0	0.0	0	0.0	0	0.0	3	103.5
Grand	0	0.0	0	0.0	0	0.0	0	0.0	5	50.3
Gunnison	0	0.0	1	8.3	1	8.3	0	0.0	14	115.7
Hinsdale	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Huerfano	0	0.0	0	0.0	1	13.9	0	0.0	6	83.2
Jackson	1	65.1	0	0.0	0	0.0	0	0.0	3	195.4
Jefferson	12	2.8	10	2.3	24	5.6	23	5.4	337	78.7
Kiowa	0	0.0	0	0.0	0	0.0	0	0.0	3	168.7
Kit Carson	0	0.0	0	0.0	1	13.1	0	0.0	3	39.4
Lake	0	0.0	3	45.9	1	15.3	0	0.0	4	61.2
La Plata	2	6.5	0	0.0	4	13.1	2	6.5	30	98.0
Larimer	3	1.7	12	6.7	8	4.4	4	2.2	154	85.7
Las Animas	0	0.0	1	7.2	6	43.1	1	7.2	29	208.3
Lincoln	0	0.0	1	22.6	0	0.0	0	0.0	11	248.9
Logan	0	0.0	1	5.3	1	5.3	1	5.3	26	137.6
Mesa	4	4.6	5	5.7	7	8.0	5	5.7	118	134.4
Mineral	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Moffat	0	0.0	0	0.0	1	8.3	0	0.0	10	82.7
Montezuma	1	5.7	1	5.7	1	5.7	3	17.2	28	160.1
Montrose	1	3.9	6	23.6	1	3.9	0	0.0	39	153.4
Morgan	1	4.6	2	9.1	1	4.6	1	4.6	35	159.7
Otero	0	0.0	2	9.2	3	13.8	1	4.6	40	183.4
Ouray	0	0.0	1	54.9	0	0.0	0	0.0	5	274.6
Park	0	0.0	0	0.0	0	0.0	0	0.0	5	78.1
Phillips	0	0.0	0	0.0	0	0.0	0	0.0	5	109.8
Pitkin	0	0.0	0	0.0	0	0.0	0	0.0	7	52.1
Prowers	0	0.0	1	7.2	1	7.2	2	14.5	20	144.5
Pueblo	5	3.9	5	3.9	10	7.8	4	3.1	213	165.7
Rio Blanco	1	17.4	0	0.0	0	0.0	0	0.0	7	121.5
Rio Grande	1	8.5	0	0.0	0	0.0	1	8.5	19	161.1
Routt	0	0.0	1	6.8	1	6.8	0	0.0	12	81.3
Saguache	0	0.0	0	0.0	0	0.0	1	25.1	3	75.4
San Juan	0	0.0	0	0.0	0	0.0	0	0.0	1	135.9
San Miguel	0	0.0	0	0.0	0	0.0	0	0.0	1	26.4

County/Region	Homicide		Conditions of Perinatal Period		Septicemia		Congenital Anomalies		All Other	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Sedgwick	0	0.0	0	0.0	2	69.8	0	0.0	5	174.6
Summit	1	6.7	0	0.0	0	0.0	1	6.7	3	20.2
Teller	0	0.0	0	0.0	0	0.0	2	17.6	5	44.0
Washington	0	0.0	1	19.9	1	19.9	0	0.0	7	139.2
Weld	9	6.4	14	10.0	5	3.6	10	7.2	127	90.9
Yuma	0	0.0	1	10.3	0	0.0	0	0.0	13	134.1
Planning and Management Regions										
PMR 1	1	1.6	5	7.9	5	7.9	2	3.2	91	144.6
2	12	3.8	26	8.1	13	4.1	14	4.4	281	87.9
3	146	7.7	112	5.9	100	5.3	100	5.3	1,780	94.0
4	24	5.9	22	5.4	18	4.4	43	10.5	326	79.9
5	0	0.0	2	8.6	1	4.3	0	0.0	24	103.0
6	1	1.9	3	5.8	8	15.6	4	7.8	90	175.2
7	5	3.9	5	3.9	10	7.8	4	3.1	213	165.7
8	2	4.9	1	2.5	3	7.4	2	4.9	43	105.7
9	3	5.4	1	1.8	5	9.0	6	10.8	63	112.9
10	1	1.5	9	13.5	6	9.0	1	1.5	102	152.8
11	5	3.8	8	6.1	10	7.6	6	4.6	161	122.2
12	4	5.4	2	2.7	1	1.3	1	1.3	35	47.1
13	0	0.0	3	5.8	4	7.8	1	1.9	81	157.3
14	0	0.0	1	4.7	7	33.1	1	4.7	35	165.6
Metro/Non-Metro										
Denver PMSA	134	8.1	108	6.5	95	5.7	90	5.4	1,612	96.9
Denver CMSA	146	7.8	112	6.0	100	5.3	100	5.3	1,774	94.3
Total Metro	187	6.9	165	6.1	141	5.2	159	5.8	2,584	95.0
Non-Metro	17	2.8	35	5.8	50	8.2	26	4.3	741	121.8
Five-Region Substate Groups										
Front Range	187	6.9	165	6.1	141	5.2	159	5.8	2,584	95.0
Western Slope	13	4.0	20	6.1	22	6.7	14	4.3	361	109.9
Eastern Plains	2	1.5	10	7.3	14	10.2	6	4.4	205	149.0
San Luis Valley	2	4.9	1	2.5	3	7.4	2	4.9	43	105.7
Eastern Mtns	0	0.0	4	3.9	11	10.9	4	3.9	132	130.2
Population-Based Regions										
1 Denver	77	14.9	46	8.9	41	7.9	28	5.4	755	145.8
2 Jefferson	12	2.8	10	2.3	24	5.6	23	5.4	337	78.7
3 Boulder	12	5.5	4	1.8	5	2.3	10	4.6	162	74.4
4 Adams	23	8.2	29	10.4	17	6.1	16	5.7	230	82.4
5 Arapahoe	22	5.6	21	5.4	13	3.3	20	5.1	269	68.6
6 El Paso	24	6.2	22	5.6	18	4.6	41	10.5	316	81.0
7 Larimer	3	1.7	12	6.7	8	4.4	4	2.2	154	85.7
8 Pueblo	5	3.9	5	3.9	10	7.8	4	3.1	213	165.7
9 Weld	9	6.4	14	10.0	5	3.6	10	7.2	127	90.9
10 Northwest Reg	5	3.8	8	6.1	10	7.6	6	4.6	161	122.2
11 Western Reg	5	3.5	11	7.8	7	5.0	2	1.4	137	97.1
12 Eastern Reg	2	1.5	10	7.3	14	10.2	6	4.4	205	149.0
13 Central Reg	0	0.0	5	3.9	4	3.2	6	4.7	118	93.0
14 Southern Reg	5	4.3	3	2.6	15	12.8	9	7.7	141	119.9

Rates are deaths per 100,000 population.

Part Eight. Marriages
Marriage Dissolutions

Marriages

Colorado's marriage rate continued its decline in 1987, reaching 9.6 marriages per 1,000 population, its lowest point since 1965. There were 31,931 marriages in the state in 1987, the fewest since 1978. Colorado's rate in 1987 marked the first time in thirteen years that the state rate was lower than that for the nation. In 1987, the U.S. marriage rate was 9.9.

Table 89 compares marriage and marriage dissolution counts and rates with those for the United States between 1960 and 1987. Figure 29 depicts marriage rates for these years.

Marriage rates in Colorado have decreased 23.2 percent since a high of 12.5 was reached in 1981. U.S. marriage rates also have decreased, but at a slower rate.

Age at Marriage - Ages of partners for total marriages and first marriages in 1987 are shown in Table 90. With 63.3 percent, a higher proportion of men than women reported their marriage in 1987 as their first marriage. First marriages were reported for 59.7 percent of women.

Colorado grooms ranged in age between 16 and 85 years of age in 1987. Brides' ages ranged between 16 and 75 years. People in their twenties made up about half of all marriage partners in 1987, 53.2 percent of women and 52.2 percent of men. For other age groups there were differences in age distribution of partners by sex, with men aged 30 and older accounting for 43.1 percent of marriages, compared to 35.1 percent for women. However, 11.0 percent of women marrying were in their teens, higher than the 4.4 percent of grooms.

Marriage rates by age and sex in 1987 appear in Table 91. Rates were highest for both men and women aged 20-24. Women aged 20-24 had the highest marriage rate of any age-and-sex group at 66.3 marriages per 1,000 women. Rates for teen women were higher than those for male teens, while rates for men aged 30 and older are higher than rat for women in those age groups.

Previous Marriages - Marriages in which neither spouse had previously been married made up half (49.1 percent) of all Colorado marriages in 1987. Marriages with one partner never married and one partner divorced accounted for about one-fourth of marriages (24.2 percent). Marriages with both partners previously divorced followed with 21.4 percent of marriages. Table 92 shows previous marital status of partners in 1987. Figure 30 depicts marriages by marital status of partners in 1987.

Month of Marriage - August saw the most Colorado marriages in 1987, with 4,259 marriages in this month representing 13.3 percent of total. June followed with 3,770 marriages, 11.8 percent. May and September followed with 10.1 percent and 9.6 percent of all marriages.

January marriages were the most infrequent. There were 1,579 marriages in January 1987, only 4.9 percent of total. With 1,866 marriages, March was the next lowest choice with 5.8 percent. November, April, and February followed with about 6.5 percent of marriages each.

Length of month and the number of Saturdays in the month both affect the frequency of marriages, but August and June consistently rank as the top two months for marriages in Colorado.

Ceremony Type - Proportions of religious and civil marriages have changed little over time in the state. In 1987, 21,672 or 67.9 percent of marriages were in religious ceremonies. Civil ceremonies totaled 10,186, 31.9 percent of total marriages.

Table 89. Marriages and Marriage Dissolutions; Colorado Occurrence and United States, 1960-1987

Year	Population	Marriages			Marr Dissolutions		
		Colorado		U.S.	Colorado		U.S.
		Number	Rate	Rate	Number	Rate	Rate
1960	1,753,947	15,895	9.1	8.5	4,729	2.7	2.2
1961	1,840,000	16,842	9.2	8.5	5,600	3.0	2.3
1962	1,900,000	17,037	9.0	8.5	6,700	3.5	2.2
1963	1,940,000	17,677	9.1	8.8	6,700	3.5	2.3
1964	1,970,000	18,393	9.3	9.0	6,100	3.1	2.4
1965	1,990,000	18,690	9.4	9.3	6,700	3.4	2.5
1966	2,010,000	19,849	9.9	9.5	7,253	3.6	2.5
1967	2,050,000	21,836	10.7	9.7	7,950	3.9	2.6
1968	2,120,000	22,849	10.8	10.4	8,552	4.0	2.9
1969	2,170,000	24,159	11.1	10.6	8,996	4.1	3.2
1970	2,228,340	25,000	11.2	10.6	10,400	4.7	3.5
1971	2,303,608	25,839	11.2	10.6	11,809	5.1	3.7
1972	2,404,715	27,095	11.3	11.0	12,604	5.2	4.1
1973	2,495,942	28,023	11.2	10.8	14,401	5.8	4.3
1974	2,541,424	26,061	10.3	10.5	15,104	5.9	4.6
1975	2,586,243	27,565	10.7	10.0	15,733	6.1	4.8
1976	2,632,370	28,601	10.9	9.9	17,520	6.7	5.0
1977	2,696,179	30,063	11.2	9.9	20,557	7.6	5.0
1978	2,766,843	31,129	11.3	10.3	18,590	6.7	5.1
1979	2,849,298	32,831	11.5	10.4	16,498	5.8	5.3
1980	2,908,277	34,943	12.0	10.6	18,571	6.4	5.2
1981	2,983,899	37,251	12.5	10.6	19,515	6.5	5.3
1982	3,071,649	37,796	12.3	10.6	18,710	6.1	5.0
1983	3,148,497	36,239	11.5	10.5	19,409	6.2	4.9
1984	3,189,667	35,525	11.1	10.5	19,532	6.1	4.9
1985	3,234,363	33,612	10.4	10.2	18,778	5.8	5.0
1986	3,267,129	32,811	10.0	10.0	18,951	5.8	4.8
1987	3,331,230	31,931	9.6	9.9	18,590	5.6	4.8

Marriage dissolutions are combined divorces and annulments. Population figures are from the Demographic Section, Colorado Department of Local Affairs. Rates are per 1,000 population. U.S. data are from the National Center for Health Statistics. Colorado marriage dissoutions for the years 1960-65 are estimated.

Figure 29. Marriage Rates: Colorado Occurrence and United States, 1960-1987

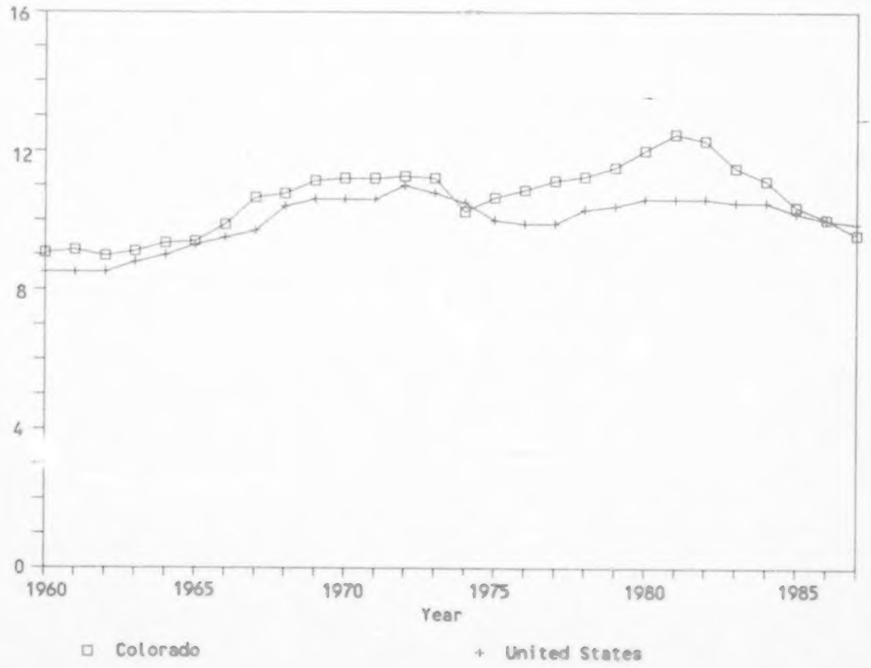


Table 90. Total Marriages and First Marriages by Age and Sex as Reported on Marriage License Applications: Colorado Occurrence, 1987

Age Group	Total Marriages				First Marriages			
	Number		Percent		Number		Percent	
	Men	Women	Men	Women	Men	Women	Men	Women
Total	31,931	31,931	100.0	100.0	20,216	19,059	100.0	100.0
<15	0	0	0.0	0.0	0	0	0.0	0.0
15-19	1,411	3,519	4.4	11.0	1,397	3,460	6.9	18.2
20-24	8,614	9,420	27.0	29.5	8,154	8,266	40.3	43.4
25-29	8,067	7,564	25.3	23.7	6,400	4,771	31.7	25.0
30-34	5,326	4,788	16.7	15.0	2,883	1,797	14.3	9.4
35-39	3,390	2,838	10.6	8.9	958	562	4.7	2.9
40-44	1,996	1,569	6.3	4.9	266	111	1.3	0.6
45-49	1,143	843	3.6	2.6	79	40	0.4	0.2
50-54	693	425	2.2	1.3	32	17	0.2	0.1
55-59	426	242	1.3	0.8	18	11	0.1	0.1
60-64	322	194	1.0	0.6	17	18	0.1	0.1
65-69	220	147	0.7	0.5	6	2	0.0	0.0
70-74	137	88	0.4	0.3	1	3	0.0	0.0
75-79	93	43	0.3	0.1	3	1	0.0	0.0
80-84	33	16	0.1	0.1	0	0	0.0	0.0
85+	9	2	0.0	0.0	2	0	0.0	0.0
Not Stated	51	233	0.2	0.7	-	-	-	

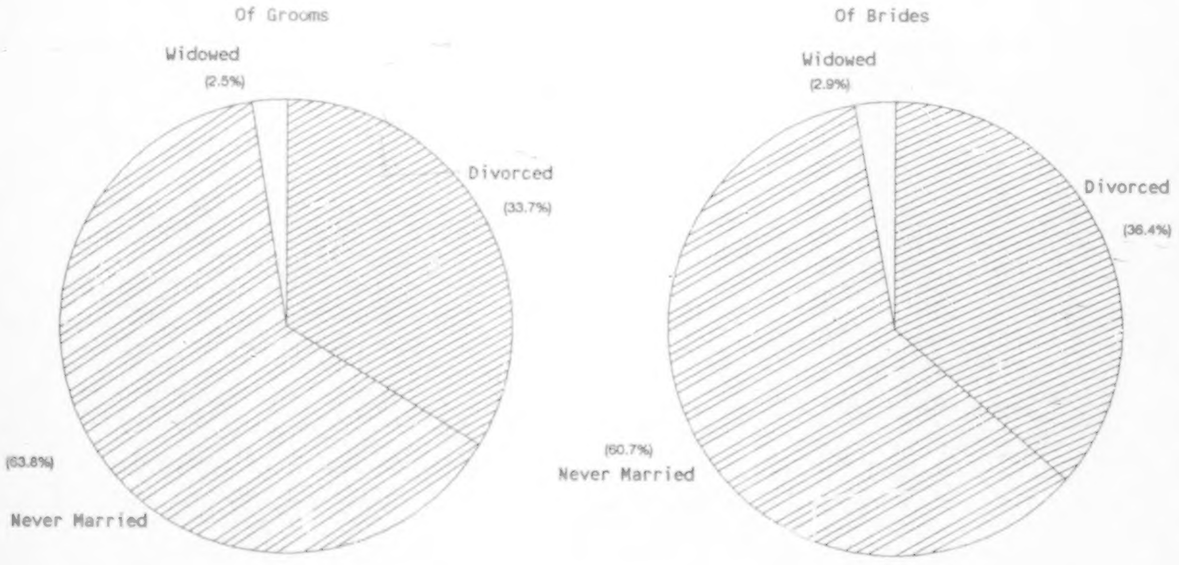
Table 91. Marriage Rates by Age and Sex: Colorado Occurrence, 1987

Age Group	Men			Women		
	Population	Number	Rate	Population	Number	Rate
Total 15+	1,274,527	31,931	25.1	1,307,510	31,931	24.4
15-19	131,718	1,411	10.7	123,790	3,519	28.4
20-24	150,349	8,614	57.3	142,091	9,420	66.3
25-29	161,270	8,067	50.0	152,788	7,564	49.5
30-34	166,224	5,326	32.0	160,287	4,788	29.9
35-39	149,510	3,390	22.7	145,459	2,838	19.5
40-44	114,793	1,996	17.4	113,576	1,569	13.8
45-49	85,463	1,143	13.4	86,052	843	9.8
50-54	70,314	693	9.9	71,741	425	5.9
55-59	63,946	426	6.7	68,835	242	3.5
60-64	56,963	322	5.7	64,615	194	3.0
65-69	46,231	220	4.8	55,052	147	2.7
70-74	34,084	137	4.0	44,506	88	2.0
75-79	22,497	93	4.1	33,801	43	1.3
80-84	12,589	33	2.6	23,411	16	0.7
85+	8,576	9	1.0	21,506	2	0.1
Not Stated	-	51	-	-	233	-

Table 92. Previous Marital Status Reported on Marriage License Applications: Colorado Occurrence, 1987

Marital Status of Males	Marital Status of Females	Number	Percent
Total		31,931	100.0
Never Married	Never Married	15,684	49.1
Never Married	Divorced	4,319	13.5
Never Married	Widowed	166	0.5
Divorced	Never Married	3,424	10.7
Divorced	Divorced	6,818	21.4
Divorced	Widowed	411	1.3
Widowed	Never Married	82	0.3
Widowed	Divorced	372	1.2
Widowed	Widowed	342	1.1
Previous Marital Status Not Stated		313	1.0

Figure 30. Previous Marital Status Reported for Marriages: Colorado Occurrence, 1987



Marriage Dissolutions

Numbers and rates of marriage dissolutions also have been decreasing in Colorado. In 1987, the state's marriage dissolution rate reached a fifteen-year low of 5.6 per 1,000 population. There were 18,590 marriage dissolutions in 1987, of which 18,508 were divorces and 82 were annulments. A total of 285 legal separations were reported in the state in 1987. Colorado's marriage dissolution rate continues to be higher than that for the nation, which was 4.8 in 1987.

Colorado's marriage dissolution rate reached its highest point ever in 1977 with a rate of 7.6. Since then rates have fluctuated but generally have followed a downward course. The U.S. rate reached a high of 5.3 in both 1979 and 1981 and has since decreased to its present level. Colorado and U.S. marriage dissolution rates between 1960 and 1987 are shown in Figure 31.

Marriages and Marriage Dissolutions by County and Region

Table 93 shows marriages and marriage dissolutions by county and region for 1987.

Figure 31. Marriage Dissolution Rates: Colorado Occurrence, 1960-1987

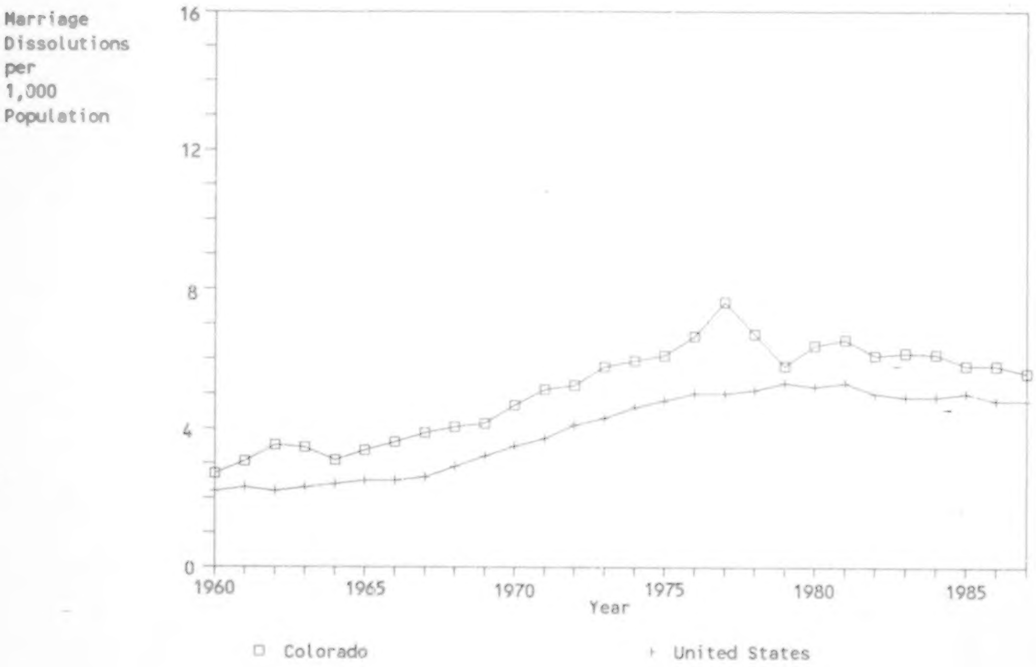


Table 93. Marriage and Marriage Dissolutions by County and Region of Occurrence: Colorado, 1987

County/Region	Population	Marriages Number	Marriages Rate	Marriage Dissolutions Number	Marriage Dissolutions Rate	Separate Maintenance
Colorado	3,331,230	31,931	9.6	18,590	5.6	285
Adams	279,076	2,158	7.7	1,259	4.5	17
Alamosa	12,797	140	10.9	91	7.1	1
Arapahoe	392,414	4,161	10.6	2,062	5.3	45
Archuleta	5,452	67	12.3	47	8.6	1
Baca	4,367	33	7.6	20	4.6	0
Bent	5,641	36	6.4	18	3.2	0
Boulder	217,818	2,291	10.5	1,414	6.5	33
Chaffee	12,495	94	7.5	121	9.7	1
Cheyenne	2,335	12	5.1	9	3.9	0
Clear Creek	8,082	73	9.0	33	4.1	0
Conejos	8,135	30	3.7	16	2.0	1
Costilla	3,266	16	4.9	0	0.0	0
Crowley	3,935	15	3.8	4	1.0	0
Custer	2,153	5	2.3	0	0.0	0
Delta	23,240	165	7.1	112	4.8	2
Denver	517,937	5,494	10.6	3,236	6.2	26
Dolores	1,486	13	8.7	3	2.0	0
Douglas	46,607	303	6.5	191	4.1	1
Eagle	19,814	230	11.6	100	5.0	2
Elbert	8,932	42	4.7	6	0.7	0
El Paso	390,222	4,803	12.3	2,668	6.8	64
Fremont	30,309	291	9.6	223	7.4	0
Garfield	26,094	280	10.7	155	5.9	0
Gilpin	2,898	29	10.0	10	3.5	0
Grand	9,939	86	8.7	37	3.7	0
Gunnison	12,046	142	11.7	51	4.2	0
Hinsdale	365	18	49.3	6	16.4	0
Huerfano	7,210	25	3.5	18	2.5	0
Jackson	1,535	14	9.1	0	0.0	0
Jefferson	428,290	3,370	7.9	2,371	5.5	47
Kiowa	1,778	11	6.2	4	2.2	0
Kit Carson	7,623	68	8.9	11	1.4	1
Lake	6,541	60	9.2	34	5.2	1
La Plata	30,616	411	13.4	192	6.3	1
Larimer	179,798	1,733	9.6	940	5.2	22
Las Animas	13,925	96	6.9	45	3.2	1
Lincoln	4,420	47	10.6	37	8.4	0
Logan	18,893	160	8.5	83	4.4	0
Mesa	87,797	777	8.8	532	6.1	1
Mineral	[illegible]07	7	9.9	0	0.0	0
Moffat	12,088	82	6.8	49	4.1	0
Montezuma	17,492	175	10.0	143	8.2	0
Montrose	25,424	225	8.8	183	7.2	2
Morgan	21,915	194	8.9	109	5.0	1
Otero	21,807	168	7.7	132	6.1	0
Ouray	1,821	31	17.0	5	2.7	1
Park	6,401	28	4.4	27	4.2	0
Phillips	4,552	30	6.6	14	3.1	0
Pitkin	13,433	270	20.1	80	6.0	0
Prowers	13,840	140	10.1	76	5.5	0
Pueblo	128,560	1,014	7.9	661	5.1	4
Rio Blanco	5,759	50	8.7	40	6.9	0
Rio Grande	11,795	98	8.3	54	4.6	0
Routt	14,764	186	12.6	91	6.2	0
Saguache	3,980	21	5.3	13	3.3	0
San Juan	736	13	17.7	5	6.8	0
San Miguel	3,792	55	14.5	0	0.0	0

County/Region	Population	Marriages		Marriage Dissolutions		Separate Maintenance
		Number	Rate	Number	Rate	
Sedgwick	2,864	32	11.2	10	3.5	0
Summit	14,833	238	16.0	0	0.0	0
Teller	11,359	62	5.5	27	2.4	0
Washington	5,029	32	6.4	18	3.6	0
Weld	139,737	918	6.6	659	4.7	9
Yuma	9,696	63	6.5	35	3.6	0
Planning and Management Regions						
PMR 1	62,947	511	8.1	269	4.3	1
2	319,535	2,651	8.3	1,599	5.0	31
3	1,893,122	17,879	9.4	10,576	5.6	169
4	407,982	4,893	12.0	2,722	6.7	64
5	23,310	169	7.3	63	2.7	1
6	51,368	403	7.8	254	4.9	0
7	128,560	1,014	7.9	661	5.1	4
8	40,680	312	7.7	174	4.3	2
9	55,782	679	12.2	390	7.0	2
10	66,738	636	9.5	357	5.3	5
11	131,738	1,189	9.0	776	5.9	1
12	74,318	1,024	13.8	308	4.1	2
13	51,498	450	8.7	378	7.3	2
14	21,135	121	5.7	63	3.0	1
Metro/Non-Metro						
Denver PMSA	1,664,324	15,486	9.3	9,119	5.5	136
Denver CMSA	1,882,142	17,777	9.4	10,533	5.6	169
Total Metro	2,720,459	26,245	9.6	15,461	5.7	268
Non-Metro	608,256	5,686	9.3	3,129	5.1	17
Five-Region Substate Groups						
Front Range	2,720,459	26,245	9.6	15,461	5.7	268
Western Slope	328,576	3,528	10.7	1,831	5.6	10
Eastern Plains	137,627	1,083	7.9	586	4.3	2
San Luis Valley	40,680	312	7.7	174	4.3	2
Eastern Mtns	101,373	763	7.5	538	5.3	3
Population-Based Regions						
1 Denver	517,937	5,494	10.6	3,236	6.2	26
2 Jefferson	428,290	3,370	7.9	2,371	5.5	47
3 Boulder	217,818	2,291	10.5	1,414	6.5	33
4 Adams	279,076	2,158	7.7	1,259	4.5	17
5 Arapahoe	392,414	4,161	10.6	2,062	5.3	45
6 El Paso	390,222	4,803	12.3	2,668	6.8	64
7 Larimer	179,798	1,733	9.6	940	5.2	22
8 Pueblo	128,560	1,014	7.9	661	5.1	4
9 Weld	139,737	918	6.6	659	4.7	9
10 Northwest Reg	131,738	1,189	9.0	776	5.9	1
11 Western Reg	141,056	1,660	11.8	665	4.7	7
12 Eastern Reg	137,627	1,083	7.9	586	4.3	2
13 Central Reg	126,845	945	7.5	666	5.3	3
14 Southern Reg	117,597	1,112	9.5	627	5.3	5

Rates are per 1,000 pupulation.

Part Nine. Adoptions, Legitimations, Adjudications

A total of 3,780 Colorado adoptions, legitimations, and paternity adjudications were processed by the Health Statistics and Vital Records Division in 1987. This count was lower than the 4,007 processed in 1986, but more than in the years 1982-85. Table 94 shows counts for the years 1983 through 1987 by year of decree. Table 95 details adoptions by type, legitimations, and adjudications by sex of adoptee and place of birth and adoption in 1987.

Adoptions - A total of 2,439 adoptions were processed in Colorado in 1987. Of these, 1,421 were stepparent adoptions, 883 were both-parent adoptions, 68 were single-parent adoptions, and 67 were adoptions by relatives of the adoptee. Numbers of adoptions in all categories were lower than in 1986.

Legitimations - Legitimations are the result of the intermarriage of the natural parents following the birth of a child. There were 560 legitimations processed in 1987, up from 533 in 1986.

Paternity Adjudications - Paternity adjudications are determinations of paternity by a district or juvenile court. They totaled 781 in Colorado in 1987, up from 721 in 1986.

Ages of adoptees vary by type of adoption. Among both-parent adoptions in 1987, 40.0 percent of adoptees were infants, with 70.9 percent under the age of 5 years. Adoptees in other types of adoptions tended to be older. Adoptees aged 5 years and older accounted for 56.7 percent of relative adoptions, 60.3 percent of single-parent adoptions, and 82.3 percent of stepparent adoptions.

Age distribution in legitimations and adjudications were similar to those for both-parent adoptions, with over half involving a child aged 1 year or younger. Children under 5 years of age made up 85.9 percent of adjudications and 90.2 percent of legitimations. Table 96 shows age and sex of adoptees by adoption type in 1987.

Race of Adoptee - Whites accounted for 86.7 percent of adoptees in 1987, including legitimations and adjudications. Table 97 shows race of adoptee by by adoption type and age of natural mother in 1987.

Age of Natural Mother - Natural mothers for all adoption types processed in 1987 were younger than mothers of live births in 1987. While only 10.6 percent of Colorado resident live births were to teens in 1987, 42.3 percent of legitimations, 36.2 percent of adjudications, and 33.7 percent of both-parent adoptions involved natural mothers in their teens. Numbers of natural mothers in all adoption categories decreased with succeeding age groups.

Adoptions by County and Region

Table 98 shows adoptions by type, legitimations, and adjudications by county of birth for adoptions processed in Colorado in 1987.

Table 94. Adoptions, Legitimations, and Adjudications Processed in Colorado by Year of Decree: Colorado, 1984-87

	Year Processed									
	1987		1986		1985		1984		1983	
Year of Decree	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	3,780	100.0	4,007	100.0	3,250	100.0	3,561	100.0	3,636	100.0
Prior to 1970	26	0.7	35	0.9	42	1.3	43	1.2	67	1.8
1970-74	8	0.2	18	0.4	15	0.5	14	0.4	24	0.7
1975-77	30	0.8	12	0.3	13	0.4	14	0.4	23	0.6
1978	3	0.1	9	0.2	7	0.2	5	0.1	37	1.0
1979	7	0.2	11	0.3	12	0.4	35	1.0	46	1.3
1980	8	0.2	18	0.4	19	0.6	44	1.2	61	1.7
1981	23	0.6	37	0.9	47	1.4	65	1.8	103	2.8
1982	91	2.4	62	1.5	96	3.0	104	2.9	541	14.9
1983	60	1.6	98	2.4	139	4.3	500	14.0	2,734	75.2
1984	103	2.7	135	3.4	485	14.9	2,737	76.9	-	-
1985	112	3.0	782	19.5	2,373	73.0	-	-	-	-
1986	567	15.0	2,790	69.6	-	-	-	-	-	-
1987	2,729	72.2	-	-	-	-	-	-	-	-

Table 95. Type of Adoption and Sex of Adoptee for Adoptions Processed in Colorado, 1987

Type of Adoption	Sex	Total Processed	Adoption in Colorado			Colorado Births		
				Place of Birth			Place of Adoption	
			Total	Colorado	Out-of-State	Total	Colorado	Out-of-State
Total	Total	3,780	3,155	2,565	590	3,190	2,565	625
	Male	1,944	1,617	1,306	311	1,633	1,306	327
	Female	1,832	1,534	1,258	276	1,556	1,258	298
Both-Parent Adoption	Total	883	718	580	138	745	580	165
	Male	447	357	283	74	373	283	90
	Female	436	361	297	64	372	297	75
Stepparent Adoption	Total	1,421	1,026	622	404	1,017	622	395
	Male	723	527	314	213	510	314	196
	Female	696	497	308	189	507	308	199
Single-Parent Adoption	Total	68	52	32	20	48	32	16
	Male	41	28	17	11	30	17	13
	Female	26	23	15	8	18	15	3
Legitimation	Total	560	560	560	0	559	559	0
	Male	288	288	288	0	288	288	0
	Female	271	271	271	0	271	271	0
Relative Adoption	Total	67	43	23	20	47	23	24
	Male	33	21	13	8	25	13	12
	Female	34	22	10	12	22	10	12
Adjudication	Total	781	756	748	8	773	748	25
	Male	412	396	391	5	407	391	16
	Female	369	360	357	3	366	357	9

A total of 330 foreign-born adoptions are not included in these counts. Columns may not add to total because of sex not stated.

Table 96. Type of Adoption by Age and Sex of Adoptee for Adoptions Processed in Colorado, 1987

Type of Adoption	Sex	Total Processed	<1	1	2	3	4	5-9	10-14	15-19	20+	Not Stated
Total	Total	3,780	882	450	269	264	235	880	503	212	58	27
	Male	1,944	456	228	131	143	119	455	251	117	26	18
	Female	1,832	426	222	138	120	116	424	251	95	32	8
Both-Parent Adoption	Total	883	353	120	65	49	39	151	66	26	11	3
	Male	447	174	61	31	23	20	82	34	16	4	2
	Female	436	179	59	34	26	19	69	32	10	7	1
Stepparent Adoption	Total	1,421	9	23	37	70	105	587	388	157	37	8
	Male	723	3	10	26	41	58	289	190	83	19	4
	Female	696	6	13	11	29	47	297	198	74	18	3
Single-Parent Adoption	Total	68	5	1	7	5	7	14	12	10	5	2
	Male	41	1	1	2	4	6	9	6	8	2	2
	Female	26	4	0	5	1	1	5	5	2	3	0
Legitimation	Total	560	215	116	66	73	35	36	7	1	3	8
	Male	288	118	56	28	37	17	22	3	0	1	6
	Female	271	97	60	38	35	18	14	4	1	2	2
Relative Adoption	Total	67	6	8	2	7	6	16	12	9	1	0
	Male	33	3	3	1	3	3	8	6	6	0	0
	Female	34	3	5	1	4	3	8	6	3	1	0
Adjudication	Total	781	294	182	92	60	43	76	18	9	1	6
	Male	412	157	97	43	35	15	45	12	4	0	4
	Female	369	137	85	49	25	28	31	6	5	1	2

Columns may not add to total because of sex not stated.

Table 97. Type of Adoption and Race of Adoptee by Age of Natural Mother at Birth for Adoptions Processed in Colorado, 1987

Type of Adoption	Race	Total Processed	<15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unknown/ Not Stated
Total	Total	3,780	20	1,245	1,381	580	180	72	16	3	283
	White	3,276	15	1,077	1,212	495	161	65	11	3	237
	Black	276	3	99	85	49	12	6	0	0	22
	Native American	26	1	8	10	4	2	0	0	0	1
	Other	32	0	5	19	4	0	0	0	0	4
	Not Stated	170	1	56	55	28	5	1	5	0	19
Both-Parent Adoption	Total	883	10	288	271	113	33	24	5	2	137
	White	765	7	258	238	94	32	22	3	2	109
	Black	48	3	14	9	8	0	1	0	0	13
	Native American	13	0	6	5	2	0	0	0	0	0
	Other	11	0	0	7	1	0	0	0	0	3
	Not Stated	46	0	10	12	8	1	1	2	0	12
Stepparent Adoption	Total	1,421	2	407	609	230	66	12	4	1	90
	White	1,316	1	373	563	216	62	12	2	1	86
	Black	30	0	10	13	5	1	0	0	0	1
	Native American	3	0	1	1	0	1	0	0	0	0
	Other	11	0	1	8	1	0	0	0	0	1
	Not Stated	61	1	22	24	8	2	0	2	0	2
Single-Parent Adoption	Total	68	1	17	12	7	7	3	1	0	20
	White	55	0	15	11	5	6	3	1	0	14
	Black	7	0	2	0	2	0	0	0	0	3
	Native American	2	1	0	0	0	0	0	0	0	1
	Other	0	0	0	0	0	0	0	0	0	0
	Not Stated	4	0	0	1		1	0	0	0	2
Legitimation	Total	560	2	235	201	85	18	8	1	0	10
	White	484	2	203	173	70	18	7	1	0	10
	Black	60	0	25	22	12	0	1	0	0	0
	Native American	3	0	0	1	2	0	0	0	0	0
	Other	6	0	3	2	1	0	0	0	0	0
	Not Stated	7	0	4	3	0	0	0	0	0	0
Relative Adoption	Total	67	0	20	18	4	3	2	0	0	20
	White	52	0	15	15	3	3	2	0	0	14
	Black	7	0	1	2	0	0	0	0	0	4
	Native American	1	0	0	1	0	0	0	0	0	0
	Other	0	0	0	0	0	0	0	0	0	0
	Not Stated	7	0	4	0	1	0	0	0	0	2
Adjudication	Total	781	5	278	270	141	53	23	5	0	6
	White	604	5	213	212	107	40	19	4	0	4
	Black	124	0	47	39	22	11	4	0	0	1
	Native American	4	0	1	2	0	1	0	0	0	0
	Other	4	0	1	2	1	0	0	0	0	0
	Not Stated	45	0	16	15	11	1	0	1	0	1

Table 38. Type of Adoption by County of Birth for Adoptions Processed in Colorado, 1987

County	Total	Both-Parent Adoption	Stepparent Adoption	Single-Parent Adoption	Legitimation	Relative Adoption	Adjudication
Total	3,780	883	1,421	68	560	67	781
Adams	160	30	62	2	40	3	23
Alamosa	28	5	8	1	2	1	11
Arapahoe	167	46	53	0	34	2	32
Archuleta	0	0	0	0	0	0	0
Baca	4	2	1	0	1	0	0
Bent	2	0	2	0	0	0	0
Boulder	85	30	39	0	9	1	6
Chaffee	10	3	6	0	1	0	0
Cheyenne	0	0	0	0	0	0	0
Clear Creek	0	0	0	0	0	0	0
Conejos	10	0	3	0	2	1	4
Costilla	0	0	0	0	0	0	0
Crowley	0	0	0	0	0	0	0
Custer	0	0	0	0	0	0	0
Delta	22	6	7	2	1	0	6
Denver	1,309	330	327	20	287	15	330
Dolores	0	0	0	0	0	0	0
Douglas	0	0	0	0	0	0	0
Eagle	7	3	1	1	2	0	0
Elbert	0	0	0	0	0	0	0
El Paso	387	96	162	11	66	15	37
Fremont	25	8	12	0	1	0	4
Garfield	29	8	17	1	3	0	0
Gilpin	0	0	0	0	0	0	0
Grand	8	3	5	0	0	0	0
Gunnison	5	2	1	0	2	0	0
Hinsdale	0	0	0	0	0	0	0
Huerfano	2	1	0	0	0	0	1
Jackson	0	0	0	0	0	0	0
Jefferson	67	21	30	1	8	0	7
Kiowa	1	1	0	0	0	0	0
Kit Carson	7	3	2	0	1	0	1
Lake	8	2	4	0	1	0	1
La Plata	40	12	19	0	5	0	4
Larimer	85	25	39	3	8	2	8
Las Animas	7	1	4	0	1	0	1
Lincoln	2	1	1	0	0	0	0
Logan	16	2	8	0	4	0	2
Mesa	88	21	37	0	21	1	8
Mineral	0	0	0	0	0	0	0
Moffat	12	1	7	0	0	0	4
Montezuma	12	2	6	0	3	1	0
Montrose	25	5	15	0	4	0	1
Morgan	26	8	12	0	2	0	4
Otero	22	6	6	1	8	0	1
Ouray	0	0	0	0	0	0	0
Park	0	0	0	0	0	0	0
Phillips	0	0	0	0	0	0	0
Pitkin	3	0	2	0	1	0	0
Prowers	14	3	9	0	1	0	1
Pueblo	286	33	34	1	20	4	194
Rio Blanco	3	0	2	0	1	0	0
Rio Grande	9	3	2	1	3	0	0
Routt	8	1	4	1	1	1	0
Saguache	0	0	0	0	0	0	0

Table 98, Continued.

County	Total	Both-Parent Adoption	Stepparent Adoption	Single-Parent Adoption	Legitimation	Relative Adoption	Adjudication
San Juan	0	0	0	0	0	0	0
San Miguel	3	1	2	0	0	0	0
Sedgwick	4	0	2	0	1	0	1
Summit	1	0	1	0	0	0	0
Teller	0	0	0	0	0	0	0
Washington	2	1	0	0	1	0	0
Weld	167	18	54	2	14	0	79
Yuma	12	1	9	0	0	0	2
Unknown	0	0	0	0	0	0	0
Out of State	590	138	404	20	0	20	8

Technical Notes

Reporting of Vital Events for 1987

Live Births

Live birth data are reported on Certificates of Live Birth. Live births occurring to Colorado residents outside the state are included in resident live birth data by interstate exchange of records. Reporting of live birth is considered to be complete.

Spontaneous Fetal Death

Spontaneous fetal deaths estimated by the attending physician to be of 20 weeks or greater gestation are reported on Certificates of Fetal Death. Spontaneous fetal deaths estimated to be of less than 20 weeks gestation are reported on Report of Spontaneous or Induced Abortion forms. Resident data include only those events occurring to Colorado residents in the state.

Spontaneous fetal deaths are assumed to be underreported. The extent of underreporting is not known. Reporting is thought to be less complete with early gestations.

Induced Abortion

Induced abortions are reported either on Reports of Spontaneous or Induced Abortion or Induced Abortion log forms. Resident induced abortion data include only those events occurring to Colorado residents in the state.

Induced abortions are underreported in Colorado. An analysis of data for 1985 resulted in an estimate of 30 percent underreporting for the state in that year. It is not known if this estimate is applicable over time, by age group or other characteristic of women, or by area in the state. In addition, data for several statistical items (e.g. race) are incompletely reported.

Death

Deaths are reported on Certificates of Death. As with live births, interstate exchange of records for deaths occurring to residents out of state ensure complete resident data. Reporting is considered to be complete.

Marriage

Marriage data are compiled from marriage application forms. Data are available by place of occurrence only.

Marriage Dissolution

Divorce data are compiled from Reports of Marriage Dissolutions, Declaration of Invalidity and Legal Separation provided by district courts in the state.

Adoption

Data for adoptions, paternity adjudications, and legitimations are compiled from Reports of Adoption or Paternity Determination and Certificates of Live Birth. Interstate exchange of information allows compilation of data both by place of birth and place of adoption.

Examples of Colorado vital statistics reporting forms appear beginning on page 208.

Population Data

Colorado population data used in the calculation of rates for years 1980-87 in this report (except race-specific rates) are 1986-based midyear estimates and projections from the Demographic Section, Colorado Department of Local Affairs. These population figures are subject to revision and should not be considered official estimates.

Colorado population figures used in the calculation of rates for years 1961-1979 represent final midyear estimates. Populations figures for years before 1961 are actual census counts for April 1.

Race-specific rates were calculated from 1980-based projections from the Demographic Section.

Race Data

Race and ethnic statistics for live births and spontaneous fetal deaths are based on race of infant or fetus unless otherwise noted. Race and ethnic origin for live births, spontaneous fetal deaths, and adoptions are assigned by an algorithm that compares entries for mother and father. Race categories used in this report include white, black, native American, Asian, and other non-white.

Data for Hispanics have been compiled in several ways. First, events for white race have been divided between Spanish surname whites and Anglo (non-Spanish surname) whites by using U.S. Census Bureau lists of Hispanic surnames. Second, Spanish origin data have been compiled from responses in ethnic origin entries of records. Spanish origin is independent of race.

In some tables white race has been matched with Spanish origin to provide a third measure for Hispanic vital statistics. This category most closely approximates available population figures for Hispanics. Care must be used in any use of race and ethnic data because of differences in definitions and inconsistencies in reporting.

U.S. Data

All national vital statistics presented in this report are from the National Center for Health Statistics. U.S. data for 1987 are provisional and subject to revision. U.S. data for years prior to 1987 are final unless otherwise noted.

The National Center for Health Statistics is a part of the Centers for Disease Control, Public Health Service, U.S. Department of Health and Human Services. All U.S. vital statistics in this report were published either in the Monthly Vital Statistics Report or Vital Statistics of the United States.

Small Frequencies

Many Colorado counties have small populations and few vital events. This makes interpretation of vital statistics in these areas difficult. Analysis of year-to-year changes or comparisons with other places are hampered by a tendency for rates to fluctuate widely. The use of average annual data increases the size of the population and number of events considered, thus providing a more reliable indicator of what is "true" for an area than single-year data. Combining data for places with small numbers of events and small populations into regions is another way of improving the reliability of data. Both average annual statistics and multi-county region data for selected events are included in this report.

Testing for statistical significance is a further way of addressing problems with small frequencies. The numbers of vital events reported for an area represent complete counts. As such, they are not subject to sampling error, although they are subject to errors in the registration process. However, when the figures are used for analytical purposes, such as the comparison of rates over a time period or for different areas, the number of events that actually occurred may be considered as one of a large series of possible results that could have arisen under the same circumstances. The probable range of values may be estimated from the actual figures according to certain statistical assumptions.

In general, distribution of vital events may be assumed to follow the binomial distribution. Estimates of standard errors and tests of significance under this assumption are described in most standard statistics texts. When the number of events is large, the standard error, expressed as a percent of the number or rate, is usually small. When the number of events is small (perhaps less than 100) and the probability of such an event is small, considerable caution must be observed in interpreting the conditions described in the figures. Events of a rare nature may be assumed to follow a Poisson probability distribution. For this distribution, a simple approximation may be used to estimate the error as follows:

If N is the number of births and R is the corresponding rate, the chances are 19 in 20 that

1. The "true" number of events lies between

   $$N - 2\sqrt{N} \text{ and } N + 2\sqrt{N}$$

2. The "true" rate lies between

   $$R - 2\frac{R}{\sqrt{N}} \text{ and } R + 2\frac{R}{\sqrt{N}}.$$

If the rate R corresponding to N events is compared with the rate S correspnding to M events, the difference between the two rates may be regarded as statistically significant if it exceeds

$$2\sqrt{\frac{R^2}{N} + \frac{S^2}{M}}.$$

For example, suppose that the observed birth rate for area A was 15.0 per 1,000 population and that this rate was based on 50 recorded births. Given the prevailing conditions, the chances are 19 in 20 that the "true" or underlying birth rate for the area lies between 10.8 and 19.2 per 1,000 population. Let it be further supposed that the birth rate for area A of 15.0 per 1,000 population is being compared with a rate of 20.0 per 1,000 population for area B, which is based on 40 recorded births. Although the difference between the rates for the two areas is 5.0, this difference is less than twice the standard error of the difference

$$2\sqrt{\frac{(15.0)^2}{50} + \frac{(20.0)^2}{40}}$$

of the two rates that is computed to be 7.6. From this, it is concluded that the difference between the rates for the two areas is not statistically significant.

Definitions

Abortion: Birth of an embryo or fetus prior to the stage of viability at about 20 weeks of gestation (fetus weighs less than 500g). Distinct from premature birth, which is defined as infants born after the stage of viability has been reached but before full term. Abortion may be either spontaneous or induced; in everyday usage the term most often refers to induced abortions.

Adoptee: An individual who has been adopted, used informally in this report to refer to children in legitimations and paternity adjudications as well.

Age-Adjusted Rate: Total rate that has been standardized for age distribution so that it is, in effect, independent of the age structure of the particular population being studied.

Annulment: A judicial announcement invalidating or voiding a marriage that confers on the parties the status of never having been married to each other.

Apgar Score: Summary measure of the infant's condition based on heart rate, respiratory effort, muscle tone, reflex irritability, and color. Each factor is given a score of 0, 1, or 2. The sum of these five values is the Apgar Score, which ranges from a low of 0 to an optimum of 10.

Birth to Unmarried Woman: A woman is considered to be unmarried if she was not married or legally separated at the time of conception and/or did not marry or legally separate at any time between conception and birth. Common law marriages are recognized as legal marriages in the State of Colorado.

Birth Weight: The first weight of the fetus or newborn obtained after birth. This weight preferably is measured within the first hour of life, before significant postnatal weight loss has occurred.

Cause of Death: All those diseases, morbid conditions, or injuries that either resulted in or contributed to death and the circumstances of the accident or violence that produced any such injuries.

Chronic Disease: A disease that comprises all impairments or deviations from normal and is characterized by one or more of the following: permanence, residual disability, nonreversible pathological alteration, requirement of special training of the patient for rehabilitation, or expectation of need for a long period of supervision, observation, or care.

Communicable Disease: A disease capable of being transmitted from one person to another.

Congenital Anomaly: Certain mental or physical traits or peculiarities, malformations, diseases, etc. present at birth whose etiology may be hereditary or due to some influence occurring during gestation. Also called congenital malformations or birth defects.

Death: The permanent disappearance of any evidence of life at any time after live birth.

Divorce: The final legal dissolution of a marriage.

Epidemiology: The study of the distribution of a disease or a physiological condition in human populations and of the factors that influence this distribution.

Gestational Age: Number of completed weeks from the first day of the mother's last normal menstrual period until the date of delivery or termination of pregnancy.

Hebdomadal Death: Death in the first 7 days of life.

Incidence: The number of new cases of a disease having their onset in a population over a prescribed period of time.

Induced Abortion: The purposeful interruption of pregnancy with the intention other than to produce a live-born infant or to remove a dead fetus, which does not result in a live birth.

Infant Death: Death in the first year of life.

Legitimation: The result of the intermarriage of the natural parents following the birth of the child in which paternal information is added to the child's birth record.

Life Expectancy: The average number of years of life remaining for persons surviving to a given age on the basis of a given set of age-specific rates of dying.

Live Birth: The complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached; each product of such a birth is considered liveborn.

Low Weight Birth: Birth weight of less than 2,500 grams or 5 pounds, 8 ounces, or less.

Marriage: The legal union of two persons.

Marriage dissolution: The legal termination of a marriage. Includes annulments and divorces.

Maternal Death: The death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accidental or incidental causes.

Mean: Measure of central tendency defined as the sum of scores divided by the total number of cases involved.

Median: The middle value of N values of X arranged in order of size. If a set of observations is arranged in increasing or decreasing order of magnitude, the median is the middle value when the number of observations is odd or the mean of the two middle values when the number of observations is even.

Mode: The most frequent value contained in a set of data.

Morbidity: The relative incidence of disease.

Multiple Birth: More than one child born resulting from a single pregnancy.

Natural Increase: The difference between resident births and deaths.

Neonatal Death: Death in the first 28 days of life.

Net Migration: The difference between the number of people moving in and out of a recognized geographical boundary.

Notifiable Disease: A disease that health providers are required, usually by law, to report to Federal, State, or local public health officials when diagnosed. Reportable diseases are those of public interest by reason of their contagiousness, severity, or frequency.

Parity: Number of births to a mother, alive or dead, weighing at least 500 grams or having an estimated length of gestation of at least 20 weeks. A multiple birth is considered as a single parous experience. Before delivery, a mother having her first baby has a parity of zero.

Paternity Adjudication: Determination of paternity by a district court.

Perinatal: Pertaining to or occurring in the period shortly before or after birth. There are several commonly used definitions for the perinatal period.

Perinatal Death: As defined for this report, death of a fetus of at least 20 weeks gestational age or of a child under 28 days of age.

Postneonatal Death: Death of a child occurring between the ages of 28 days and one year.

Postterm: Births occurring at a gestational age greater than or equal to 42 weeks (>293 days).

Premature Birth: Birth occurring prior to 37 weeks gestation, but after the stage of viability at about 20 weeks gestation.

Prenatal: Preceding birth.

Prenatal Care: Medical care preceding birth.

Prenatal Visits: The number of visits made to a physician or other health care provider during the prenatal period for medical supervision of a pregnancy.

Preterm: Births occurring prior to 37 weeks (<259 days) gestation.

Prevalence: The number of existing cases of a disease at a given point in time in a community. Depends upon incidence and duration of a disease.

Reported Cause of Death: Any cause of death reported on the death certificate.

Singleton: Single birth.

Spontaneous Fetal Death: The expulsion or extraction of a product of human conception resulting in other than a live birth and which is not an induced termination of pregnancy.

Term: Births occurring between 37-41 weeks gestation (259-293 days).

Underlying Cause of Death: The disease or injury that initiated the train of events leading directly to death or the circumstances of the accident or violence which produced the fatal injury.

Weeks Gestation: Completed weeks from the first day of the mother's last normal menstrual period.

Vital Statistics Formulas

The most frequently used rates are included here. Unless noted, all rates and ratios are for annual resident events. All populations used in calculating rates are midyear figures. Multiples shown are those most commonly used.

Age-Adjusted Death Rate - Direct Method (U.S. population for 1940 or 1970 is most often used as standard. Colorado Vital Statistics uses U.S. population for 1940.

$$\frac{\text{Expected annual deaths for specified age group} \\ \text{x standard population in corresponding age group}}{\text{Sum of the standard population in specified age groups}} \times 1{,}000$$

Age/Sex/Race Specific Rates
(Can be applied to any vital event)

$$\frac{\text{Number of events in specified age/sex/race group}}{\text{Population in specified age/sex/race group}} \times 1{,}000$$

Age-Specific Fertility Rate.
(Also called age-specific birth rate)

$$\frac{\text{Number of live births to women in specified age group}}{\text{Female population in specified age group}} \times 1{,}000$$

Age-Specific Pregnancy Rates

$$\frac{\text{Total live births, reported induced abortions,} \\ \text{and reported spontaneous fetal deaths} \\ \text{to women of a specified age group}}{\text{Female population in specified age group}} \times 1{,}000$$

Birth Rate

$$\frac{\text{Total number of live births}}{\text{Total population}} \times 1{,}000$$

Birth Rate by Live-Birth Order

$$\frac{\text{Number of live births of a given birth order}}{\text{Female population aged 15-44 years}} \times 1{,}000$$

Cause-Specific Death Rate (Used with underlying causes of death)

$$\frac{\text{Number of deaths from specified cause}}{\text{Total population}} \times 100{,}000$$

Death Rate

$$\frac{\text{Total number of resident deaths}}{\text{Total population}} \times 1{,}000$$

General Fertility Rate

$$\frac{\text{Total number of live births}}{\text{Female population aged 15-44 years}} \times 1{,}000$$

Infant Mortality Rate

$$\frac{\text{Number of infant deaths}}{\text{Number of live births}} \times 1{,}000$$

Marriage Rate

$$\frac{\text{Number of marriages occurring in a place}}{\text{Total resident population of that place}} \times 1{,}000$$

Marriage Dissolution Rate (Often called divorce rate)

$$\frac{\text{Number of divorces and annulments occurring in a place}}{\text{Total resident population of that place}} \times 1{,}000$$

Maternal Mortality Rate

$$\frac{\text{Number of maternal deaths}}{\text{Number of live births}} \times 10{,}000$$

Neonatal Mortality Rate

$$\frac{\text{Number of neonatal deaths}}{\text{Number of live births}} \times 1{,}000$$

Perinatal Mortality Rate (Several definitions for perinatal period are in use. Care should be taken that comparable definitions are used when comparing perinatal statistics from different sources.)

$$\frac{\text{Number of reported spontaneous fetal deaths of 20+ weeks gestation and neonatal live births}}{\text{Number of reported spontaneous fetal deaths and number of live births}} \times 1{,}000$$

Postneonatal Mortality Rate

$$\frac{\text{Number of postneonatal deaths}}{\text{Number of live births}} \times 1{,}000$$

Race- and Race-and-Age-Specific Fertility Rates

$$\frac{\text{Number of live births to mothers of a specified age and/or race group}}{\text{Population of specified age and/or race group}} \times 1{,}000$$

Reported Pregnancy Rate
(also called general pregnancy rate)

$$\frac{\text{Total live births, reported induced abortions and reported spontaneous fetal deaths}}{\text{Female population aged 15-44}} \times 1{,}000$$

Standard Mortality Ratio

$$\frac{\text{Total observed deaths in a population in a period of time}}{\text{Total expected deaths in same population over same period of time}}$$

International Classification of Diseases (ICD) System Codes for Selected Diseases and Conditions, 1941-Present

	9th Revision (1979-)	8th Revision (1968-1978)	7th Revision (1958-1967)	6th Revision (1949-1957)	5th Revision (1941-1948)
Infectious and Parasitic	(001-139)	(000-136)	(000-138)	(000-138)	(000-044)
Typhoid Fever	002	001	040	040	1
Salmonellosis	003	002,003	041,042	041,042	2
Shigellosis	004	004	045	045	27a
Botulism	005.1	005.1	049.1	049.1	177
Tuberculosis	010-018	010-019	001-019	001-019	13-22
Diphtheria	032	032	055	055	10
Pertussis	033	033	056	056	9
Streptococcal Infection	034,041.0	034	050,051,053.0	050,051,053.0	8
Meningococcal Infection	036	036	057	057	6
Poliomyelitis	045	040-043	080	080	36
Measles	055	055	085	085	35
Encephalitis	062-064,323	062-065,079.2,323	082,343	082,343	37,44d
Colorado Tick Fever	066.1	068.1	096.9	096.9	38f
Infectious Hepatitis (Type A)	070.1	070	092	092	32a
Mumps	072	072	089	089	44c
Rocky Mountain Spotted Fever	082.0	082.0	104	104	39c
Malaria	084	084	110-117	110-117	28
Syphilis	090-097	090-097	020-029	020-029	30
Gonorrhea & Other STD	098-099	098,099	030-039	030-039	25,44A
Neoplasms	(140-239)	(140-239)	(140-239)	(140-239)	(45-57)
Malignant	140-208	140-209	140-207	140-205	45-55
Endocrine Glands	(240-259)	(240-258)	(240-277)	(240-277)	(61-66)
Diabetes Mellitus	250	250	260	260	61
Circulatory System	(390-448)	(390-458)	(400-468,330-334)	(400-468,330-334)	(90-103,83)
Rheumatic Fever	390-392	390-392	400-402	400-402	58
Heart Disease	390-398,402, 404-429	390-398,402, 404,410-429	400-443	400-443	58,90-95
Other Diseases of the Circulatory System	400,401,403, 441-448	400,401,403, 441-448	444-447, 451-456	444-447, 451-456	96,98,99
Cerebrovascular Disease	430-438	430-438	330-334	330-334	83
General Atherosclerosis	440	440	450	450	97
Respiratory System	(460-519)	(460-519)	(470-527)	(470-527)	(106-114)
Influenza	487	470-474	480-483	480-483	33
Pneumonia	480-486	480-486	490-493	490-493	107-109
Chronic Obstructive Pulmonary Diseases	490-496	490-493			
Bronchitis, Chronic and Unspecified	490-491	490-491	501-502	501-502	106b
Emphysema	492	492	527.1	527.1	113
Asthma	493	493	241	241	112
Digestive System	(520-579)	(520-577)	(530-587)	(530-587)	(115-129)
Cirrhosis of the Liver	571	571	581	581	124
Genitourinary System	(580-629)	(580-629)	(590-637)	(590-637)	(130-139)
Nephritis & Nephrosis	580-584	580-584	590-594	590-594	130-132
Complications of Pregnancy, Childbirth, and Puerperium	(630-676)	(630-678)	(640-689)	(640-689)	(140-150)
Congenital Anomalies	(740-759)	(740-759)	(750-759)	(750-759)	(157)
Diseases of Early Infancy	(760-779)	(760-769.2,769.4-772,774-778)	(760-776)	(760-776)	(158-161)
Injury and Poisoning	(E800-E999)	(E800-E999)	(E800-E999)	(E800-E999)	(163-198)
Accidents	E800-E949	E800-E949	E800-E962	E800-E962	169-176, 178-195
Suicide	E950-E959	E950-E959	E963,E970-E979	E963,E970-E979	163,164
Homicide	E960-E978	E960-E978	E980-E985	E980-E985	165-168,198
Injury, Intent Undetermined	E980-E989	E980-E989			

Source: World Health Organization, International Statistical Classification of Diseases, Injuries, and Causes of Death, Fifth through Ninth Revisions.

Standard Tabulations Available from the Health Statistics Section

Birth Statistics - 1975 to Present

File	Report Number	Content	
Total Events	11-02I	Age of Mother	X Colorado Residents and Occurrences
Resident	12-01A	County of Residence	X Attendant and Medical Complications
	12-01B		X Month of Occurrence
	12-01C		X Education of Mother
	12-01D		X Birth Weight
	12-01E		X Month Care Began
	12-01F		X Age Group of Mother
	12-01G		X Race, Spanish Origin, and Sex of Child
	12-01H		X Total Living Children
	*12-02A	Age of Mother	X Attendant and Medical Complications
	12-02C		X Education of Mother
	12-02D		X Birth Weight
	*12-02G		X Race, Spanish Origin, and Sex of Child
	12-03D	Month Care Began	X Birth Weight
	12-04A	Birth Weight	X Attendant and Medical Complications
	12-04G		X Race, Spanish Origin, and Sex of Child
	*12-04P		X Weeks of Pregnancy
	12-06A	Prenatal Visits	X Attendant and Medical Complications
	12-06C		X Education of Mother
	12-06D		X Birth Weight
	12-06F		X Age Group of Mother
	12-07A	Education of Mother	X Attendant and Medical Complications
	12-07D		X Birth Weight
	12-07E		X Month Care Began
	12-07G		X Race, Spanish Origin, and Sex of Child
	12-07H		X Total Living Children
	12-08A	Weeks of Pregnancy	X Attendant and Medical Complications
	12-09B	City of Residence	X Month of Occurrence
	12-14C	Congenital Malformation	X Education of Mother
	12-14J		X County of Residence
	12-15D	County of Residence and	X Birth Weight
	12-15E	Education of Mother	X Month Care Began
	12-15G		X Race, Spanish Origin, and Sex of Child
	12-15H		X Total Living Children
	*12-26G	County of Residence and Age Group of Mother	X Race, Spanish Origin, and Sex of Child
	*12-27F	Ethnic Origin of Child	X Age Group of Mother
	*12-27G		X Race, Spanish Origin, and Sex of Child
Occurrence	16-01A	County of Occurrence	X Attendant and Medical Complications
	16-01B		X Month of Occurrence
	16-01G		X Race, Spanish Origin, and Sex of Child
	16-05D	Institution of Birth	X Birth Weight
	*16-05F		X Age Group of Mother
	16-05J		X County of Residence
Resident Women with < High School Education	*17-02G	Age of Mother	X Race, Spanish Origin, and Sex of Child
	17-06J	Prenatal Visits	X County of Residence
Resident Women with High School + Education	*18-02G	Age of Mother	X Race, Spanish Origin, and Sex of Child
	18-06J	Prenatal Visits	X County of Residence

* Available 1981 to present. Spanish origin not tabulated prior to 1981.

Birth Statistics, Continued.

File	Report Number	Content
Total to Unmarried Women	*21-02I	Age of Mother X Colorado Residents and Occurrences
Resident to Unmarried Women	22-01A	County of Residence X Attendant and Medical Complications
	22-01B	X Month of Occurrence
	22-01C	X Education of Mother
	22-01E	X Month Care Began
	22-01F	X Age Group of Mother
	22-01G	X Race, Spanish Origin, and Sex of Child
	22-01H	X Total Living Children
	*22-02A	Age of Mother X Attendant and Medical Complications
	22-02D	X Birth Weight
	*22-02G	X Race, Spanish Origin, and Sex of Child
	22-06F	Prenatal Visits X Age Group of Mother
Occurrence to Unmarried Women	*26-05B	Institution of Birth X Month of Occurrence
Total Low Weight	*31-02I	Age of Mother X Colorado Residents and Occurrences
Resident Low Weight	32-01C	County of Residence X Education of Mother
	*32-02A	Age of Mother X Attendant and Medical Complications
	*32-02G	X Race, Spanish Origin, and Sex of Child

Death Statistics - 1970 to Present

File	Report Number	Content
Total Events	61-11I	Selected Cause of Death X Colorado Residents and Occurrences
Residents	62-01B	County of Residence X Month of Occurrence
	62-01G	X Race, Spanish Origin, and Sex
	62-01L	X Five-Year Age Group
	*62-01Y	X Disposition and Autopsy
	62-09B	City of Residence X Month of Occurrence
	62-10B	ICDA Cause of Death X Month of Occurrence
	62-10G	X Race, Spanish Origin, and Sex
	62-10J	X County of Residence
	62-10L	X Five-Year Age Group
	62-11B	Selected Cause of Death X Month of Occurrence
	62-11G	X Race, Spanish Origin, and Sex
	62-11J	X County of Residence
	*62-11X	X Marital Status and Sex
	*62-11Y	X Disposition and Autopsy
	62-12L	Selected Cause of Death and Sex X Five-Year Age Group
	62-13	MVSR Cause of Death by Sex
	*62-25G	County of Residence and Five-Year Age Group X Race, Spanish Origin, and Sex
	*62-27G	Ethnic Origin X Race, Spanish Origin, and Sex
	*62-27L	X Five-Year Age Group
Resident Male	63-10L	ICDA Cause of Death X Five-Year Age Group
Resident Female	64-10L	ICDA Cause of Death X Five-Year Age Group
Resident by County	65-12L	Selected Cause of Death and Sex X Five-Year Age Group

* Available 1981 to present. Spanish origin not tabulated prior to 1981.

Death Statistics, Continued.

File	Report Number	Content
Occurrence	66-01B	County of Occurrence X Month of Occurrence
	*66-01Y	X Disposition and Autopsy
	*66-05G	Institution of Death X Race, Spanish Origin, and Sex
	*66-05L	X Five-Year Age Group
	66-10L	ICDA Cause of Death X Five-Year Age Group
	66-11G	Selected Cause of Death X Race, Spanish Origin, and Sex
	66-11J	X County of Occurrence
Resident Infant	72-01B	County of Residence X Month of Occurrence
	72-01G	X Race, Spanish Origin, and Sex
	72-01K	X Infant Age Group
	72-10G	ICDA Cause of Death X Race, Spanish Origin, and Sex
	72-10K	X Infant Age Group
Occurrence Infant	76-01B	County of Occurrence X Month of Occurrence
	76-01K	X Infant Age Group
	76-05K	Institution of Death X Infant Age Group
Resident Neonatal	82-10G	ICDA Cause of Death X Race, Spanish Origin, and Sex
Occurrence Neonatal	86-01B	County of Occurrence X Month of Occurrence

Infant Death Statistics (Matched Birth and Death Certificates) - 1975 to Present

Total Events	1-01A	Summary Statistics
Occurrence	2-03A	ICDA Cause of Death X Infant Age Group
	2-04A	Weeks of Pregnancy X Infant Age Group
	2-02B	Infant Age Group X Birth Weight
	2-04B	Weeks of Pregnancy X Birth Weight
	2-05B	Months Since Last Delivery and Type X Birth Weight
	2-06B	Education of Mother X Birth Weight
	2-07B	Month Care Began X Birth Weight
	2-08B	Age of Mother X Birth Weight
	2-09B	Apgar Score X Birth Weight
	2-10B	Pregnancy History X Birth Weight
	2-11B	Hospital of Birth X Birth Weight
	2-12B	Hospital of Death X Birth Weight
	2-13B	Congenital Malformation X Birth Weight
	2-17B	County of Residence at Birth X Birth Weight
	2-04C	Weeks of Pregnancy X Race and Sex
	2-07C	Month Care Began X Race and Sex
	2-14C	Birth Weight X Race and Sex
	2-11D	Hospital of Birth X Month Care Began
Occurrence	2-07E	Month Care Began X Age of Mother
	2-15E	Congenital Malformation X Age of Mother
	2-16E	Prenatal Visits X Age of Mother
	2-15F	Congenital Malformation X Age of Father
	2-07G	Month Care Began X Education of Mother
	2-11G	Hospital of Birth X Education of Mother
	2-16G	Prenatal Visits X Education of Mother

* Available 1981 to present. Spanish origin not tabulated prior to 1981.

Infant Death Statistics, Continued.

File	Report Number	Content
	2-17G	County of Residence at Birth X Education of Mother
	2-06H	Education of Mother X Education of Father
	2-11I	Hospital of Birth X Attendant and Medical Complication
	2-12K	Hospital of Death X County of Residence
	2-03L	ICDA Cause of Death X County of Death
	2-18M	State of Residence X State of Birth
	2-12N	Hospital of Death X Hospital of Birth

Spontaneous Fetal Deaths (20+ Weeks Gestation) - 1980 to Present

Occurrence	County of Occurrence X Age of Mother
	County of Occurrence X Race of Fetus
	Calculated Weeks of Gestation X Age of Mother
	Race of Fetus X Age of Mother
	Legitimacy X Age of Mother
	Sex of Fetus X Age of Mother
	Calculated Weeks of Gestation X Race of Fetus
	Month of Occurrence X Calculated Weeks of Gestation
	Calculated Weeks of Gestation X Physician's Estimate of Gestation
	Legitimacy and Race of Fetus X Age of Mother
	Spanish Origin X Age of Mother
	Calculated Weeks of Gestation X Spanish Origin
	Cause of Death X Age of Mother
	Education of Mother
	Previous Live Births
	Other Terminations, Spontaneous and Induced
	Month Care Began and Prenatal Visits
	Hospital or Place of Occurrence
	Calculated Weeks of Gestation
	Physician's Estimate of Gestation
	Physician's Estimate of Gestation
	State of Residence
Resident-Occurrence	County of Residence X Age of Mother
	Race of Fetus X Age of Mother
	Spanish Origin X Age of Mother
	Month of Occurrence X Sex of Fetus
	Legitimacy X Age of Mother

Spontaneous Fetal Deaths (Less than 20 Weeks Gestation) - 1980 to Present

Occurrence	County of Occurrence X Age of Mother
	Legitimacy X Age of Mother
	Race of Fetus X Age of Mother
	Calculated Weeks of Gestation X Age of Mother
	Month of Occurrence X Age of Mother
Resident-Occurrence	County of Residence X Age of Mother
	Race of Fetus X Age of Mother
	Legitimacy X Age of Mother

Induced Abortion Statistics - 1978 to Present

File	Report Number	Content
Occurrence	91-2A	Month of Occurrence X Age Group of Patient
	91-3A	Education of Patient X Age Group of Patient
	91-4A	Children Now Living X Age Group of Patient
	91-5A	Previous Induced Abortions X Age Group of Patient
	91-6A	Calculated Weeks of Gestation X Age Group of Patient
	91-1B	Age Group of Patient X Race, Spanish Origin, and Marital Status
	91-3B	Education of Patient X Race, Spanish Origin, and Marital Status
	91-4B	Children Now Living X Race, Spanish Origin, and Marital Status
	91-5B	Previous Induced Abortions X Race, Spanish Origin, and Marital Status
	91-6B	Calculated Weeks of Gestation X Race, Spanish Origin, and Marital Status
	91-1C	Age of Patient X Type of Facility and Type of Procedure
	91-2C	Month of Occurrence X Type of Facility and Type of Procedure
	91-3C	Education of Patient X Type of Facility and Type of Procedure
	91-4C	Children Now Living X Type of Facility and Type of Procedure
	91-5C	Previous Induced Abortions X Type of Facility and Type of Procedure
	91-6C	Calculated Weeks of Gestation X Type of Facility and Type of Procedure
	91-7E	Marital Status and Education X Race, Spanish Origin, and Type of Facility
	91-8E	Type of Procedure X Race, Spanish Origin, and Type of Facility
	91-11	Patient's State of Residence
	91-12	County of Residence
	91-13	Race of Patient, Ethnic Origin of Patient
	91-14	Health Service Area of Residence, Planning and Management Region of Residence
	91-15	Health Service Area of Occurrence, Planning and Management Region of Occurrence
	91-XX	Age of Patient for Selected Groups
Resident	81-9A	County of Residence X Age Group of Patient
	81-1B	Age Group of Patient X Race, Spanish Origin, and Marital Status
	81-9B	County of Residence X Race, Spanish Origin, and Marital Status
	81-9C	County of Residence X Type of Facility and Type of Procedure
	81-10D	County of Residence and Education X Children Now Living, Previous Induced Abortions and Calculated Gestation

Adoption Statistics - 1979 to Present

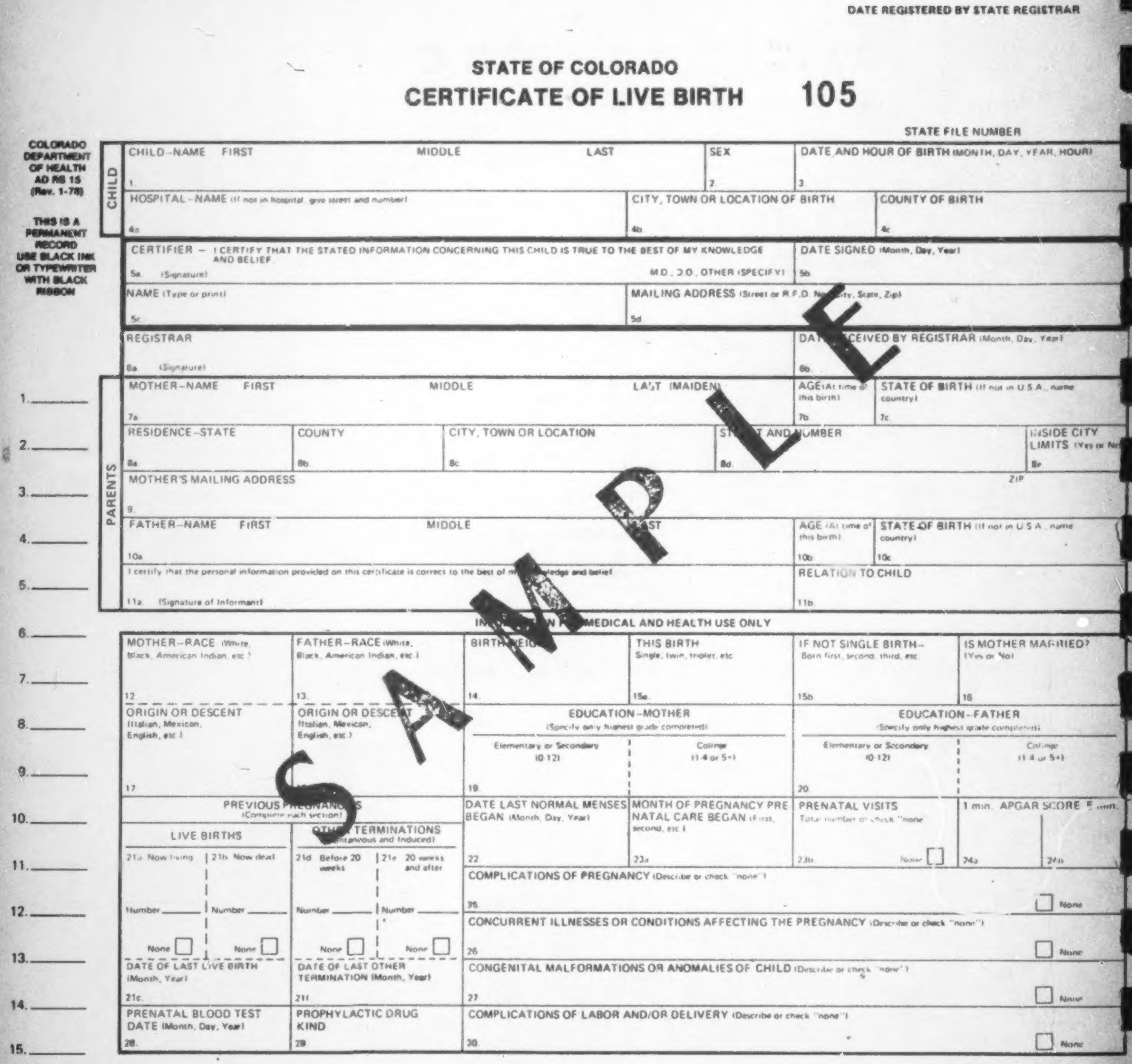
Report Number			Content
Processed in Colorado	Adopted in Colorado	Born in Colorado	
1-01A			Type of Adoption & Sex of Child X Summary Statistics
1-01B	2-01B	3-01B	X Race of Child
1-01C	2-01C	3-01C	X Age of Child
1-02D	2-02D	3-02D	Type of Adoption & Race of Child X Race of Adoptive Father/Mother
1-02E	2-02E	3-02E	X Race of Natural Mother/Adoptive Mother
1-02F	2-02F	3-02F	X Age of Natural Mother at Time of Birth

Adoptiuon Statistics, Continued.

File		Report Number		Content
1-02G	2-02G	3-02G		X Education of Adoptive Father/Mother
1-02H	2-02H	3-02H		X Race of Natural Father/Adoptive Father
1-03F	2-03F	3-03F	Type of Adoption & Age of Child	X Age of Natural Mother at Time of Birth
1-03I	2-03I	3-03I		X Age of Natural Father at Time of Birth
1-03J	2-03J	3-03J		X Age of Adoptive Mother at Time of Adoption
1-03K	2-03K	3-03K		X Age of Adoptive Father at Time of Adoption
1-04C			Type of Adoption & County of Birth	X Age of Child
1-05G	2-05G	3-05G	Type of Adoption & Education of Natural Mother	X Education of Adoptive Father/Mother
1-06L	2-06L	3-06L	Family Size of Adoptive Family	X Type of Adoption
*1-07M			County of Adoption	X Type of Adoption & Legitimacy
1-08L	2-08L	3-08L	Year of Decree	X Type of Adoption
	2-09L		State of Birth	X Type of Adoption
		3-10L	State of Adoption	X Type of Adoption
Foreign-Born Adoptions		4-11C	Country of Birth	X Age of Child

* Available for 1980.

Samples of Colorado Vital Records in Use 1978-1988



DATE REGISTERED BY STATE REGISTRAR

STATE OF COLORADO
CERTIFICATE OF LIVE BIRTH 105

STATE FILE NUMBER

COLORADO
DEPARTMENT
OF HEALTH
AD RS 15
(Rev. 1-78)

THIS IS A
PERMANENT
RECORD
USE BLACK INK
OR TYPEWRITER
WITH BLACK
RIBBON

SAMPLE

CHILD

1. CHILD–NAME FIRST MIDDLE LAST

2. SEX

3. DATE AND HOUR OF BIRTH (MONTH, DAY, YEAR, HOUR)

4a. HOSPITAL–NAME (If not in hospital, give street and number)

4b. CITY, TOWN OR LOCATION OF BIRTH

4c. COUNTY OF BIRTH

CERTIFIER – I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

5a. (Signature) M.D., D.O., OTHER (SPECIFY)

5b. DATE SIGNED (Month, Day, Year)

5c. NAME (Type or print)

5d. MAILING ADDRESS (Street or R.F.D. No., City, State, Zip)

6a. REGISTRAR (Signature)

6b. DATE RECEIVED BY REGISTRAR (Month, Day, Year)

PARENTS

7a. MOTHER–NAME FIRST MIDDLE LAST (MAIDEN)

7b. AGE (At time of this birth)

7c. STATE OF BIRTH (If not in U.S.A., name country)

8a. RESIDENCE–STATE

8b. COUNTY

8c. CITY, TOWN OR LOCATION

8d. STREET AND NUMBER

8e. INSIDE CITY LIMITS (Yes or No)

9. MOTHER'S MAILING ADDRESS ZIP

10a. FATHER–NAME FIRST MIDDLE LAST

10b. AGE (At time of this birth)

10c. STATE OF BIRTH (If not in U.S.A., name country)

I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief.

11a. (Signature of Informant)

11b. RELATION TO CHILD

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

12. MOTHER–RACE (White, Black, American Indian, etc.)

13. FATHER–RACE (White, Black, American Indian, etc.)

14. BIRTH WEIGHT

15a. THIS BIRTH Single, twin, triplet, etc.

15b. IF NOT SINGLE BIRTH– Born first, second, third, etc.

16. IS MOTHER MARRIED? (Yes or No)

17. ORIGIN OR DESCENT (Italian, Mexican, English, etc.)

18. ORIGIN OR DESCENT (Italian, Mexican, English, etc.)

EDUCATION–MOTHER (Specify only highest grade completed)

19. Elementary or Secondary (0-12) | College (1-4 or 5+)

EDUCATION–FATHER (Specify only highest grade completed)

20. Elementary or Secondary (0-12) | College (1-4 or 5+)

PREVIOUS PREGNANCIES (Complete each section)

LIVE BIRTHS

21a. Now living Number ____ None ☐

21b. Now dead Number ____ None ☐

OTHER TERMINATIONS (Spontaneous and Induced)

21d. Before 20 weeks Number ____ None ☐

21e. 20 weeks and after Number ____ None ☐

21c. DATE OF LAST LIVE BIRTH (Month, Year)

21f. DATE OF LAST OTHER TERMINATION (Month, Year)

22. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)

23a. MONTH OF PREGNANCY PRENATAL CARE BEGAN (First, second, etc.)

23b. PRENATAL VISITS Total number or check "none" None ☐

APGAR SCORE 24a. 1 min. 24b. 5 min.

25. COMPLICATIONS OF PREGNANCY (Describe or check "none") ☐ None

26. CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or check "none") ☐ None

27. CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or check "none") ☐ None

28. PRENATAL BLOOD TEST DATE (Month, Day, Year)

29. PROPHYLACTIC DRUG KIND

30. COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or check "none") ☐ None

1. ________
2. ________
3. ________
4. ________
5. ________
6. ________
7. ________
8. ________
9. ________
10. ________
11. ________
12. ________
13. ________
14. ________
15. ________

DATE REGISTERED BY STATE REGISTRAR

STATE OF COLORADO
CERTIFICATE OF FETAL DEATH

SPONTANEOUS FETAL DEATHS OF 20 OR MORE WEEKS GESTATION

STATE FILE NUMBER

COLORADO DEPARTMENT OF HEALTH AD RS 16a (Rev. 1-78)

THIS IS A PERMANENT RECORD USE BLACK INK OR TYPEWRITER WITH BLACK RIBBON

IF DISPOSAL IS DONE BY HOSPITAL OMIT ITEM 14

SAMPLE

FETUS

FETUS - NAME FIRST MIDDLE LAST 1	SEX 2	DATE AND HOUR OF DELIVERY (MONTH, DAY, YEAR, HOUR) 3	
HOSPITAL—NAME (If not in hospital, give street and number) 4a	CITY, TOWN OR LOCATION OF DELIVERY 4b	COUNTY OF DELIVERY 4c	

PARENTS

MOTHER - NAME FIRST MIDDLE LAST (MAIDEN) 5a			AGE (AT TIME OF THIS DELIVERY) 5b	
RESIDENCE - STATE 6a	COUNTY 6b	CITY, TOWN OR LOCATION 6c	STREET AND NUMBER 6d	INSIDE CITY LIMITS (Yes or No) 6e
FATHER - NAME FIRST MIDDLE LAST 7a			AGE (AT TIME OF THIS DELIVERY) 7b	

MEDICAL CERTIFICATION

8 PART I. FETAL DEATH WAS CAUSED BY: [ENTER ONLY ONE CAUSE PER LINE FOR (a), (b) AND (c)]

SPECIFY FETAL OR MATERNAL

FETAL OR MATERNAL CONDITION DIRECTLY CAUSING FETAL DEATH — IMMEDIATE CAUSE

(a) ______

FETAL AND/OR MATERNAL CONDITIONS, IF ANY, GIVING RISE TO THE IMMEDIATE CAUSE (A), STATING THE UNDERLYING CAUSE LAST

DUE TO, OR AS A CONSEQUENCE OF

(b) ______

DUE TO, OR AS A CONSEQUENCE OF

(c) ______

PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: CONDITIONS CONTRIBUTING TO FETAL DEATH BUT NOT RELATED TO CAUSE GIVEN IN PART I(a)	FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN 9	PHYSICIAN'S ESTIMATE OF GESTATION 10 Weeks	AUTOPSY (Yes or No) 11

I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD. 12a (Signature) M.D., D.O., OTHER (SPECIFY)	DATE SIGNED (MONTH, DAY, YEAR) 12b
ATTENDANT - NAME (TYPE OR PRINT) 12c	MAILING ADDRESS (STREET OR R.F.D. NO., CITY, STATE, ZIP) 12d

DISPOSITION

BURIAL, CREMATION, REMOVAL (Specify) 13a	CEMETERY, CREMATORY OR INSTITUTION - NAME AND LOCATION 13b.	CITY OR TOWN	STATE
FUNERAL DIRECTOR - NAME 14	ADDRESS	REGISTRAR'S SIGNATURE 15.	DATE RECEIVED BY REGISTRAR 16

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

MOTHER - RACE (White, Black, American Indian, etc.) (Specify) 17	FATHER—RACE (White, Black, American Indian, etc.) (Specify) 18	WEIGHT OF FETUS 19	THIS DELIVERY — Single, twin, triplet, etc. 20a	IF NOT SINGLE DELIVERY — Delivered first, second, third, etc. 20b	IS MOTHER MARRIED? (yes or no) 21
ORIGIN OR DESCENT (Italian, Mexican, English, etc.) 22a	ORIGIN OR DESCENT (Italian, Mexican, English, etc.) 22b	EDUCATION—MOTHER (Specify only highest grade completed) Elementary or Secondary (0-12) 23.	College (1-4 or 5+)	EDUCATION—FATHER (Specify only highest grade completed) Elementary or Secondary (0-12) 24	College (1-4 or 5+)

PREVIOUS PREGNANCIES (Complete each section)

LIVE BIRTHS		OTHER TERMINATIONS (Spontaneous and Induced)	
25a. Now living	25b. Now dead	25d. Spontaneous	25e. Induced
Number ______	Number ______	Number ______	Number ______
None ☐	None ☐	None ☐	None ☐
DATE OF LAST LIVE BIRTH (Month, Year) 25c.		DATE OF LAST OTHER TERMINATION (Month, Year) 25f.	

DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) 26	MONTH OF PREGNANCY PRENATAL CARE BEGAN FIRST, SECOND, THIRD, ETC. 27.	PRENATAL VISITS Total Number (or check "none") 28 None ☐
COMPLICATIONS OF PREGNANCY (Describe or check "none") 29. None ☐		
CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or check "none") 30. None ☐		
CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or check "none") 31. None ☐	COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or check "none") 32. None ☐	

1. ______
2. ______
3. ______
4. ______
5. ______
6. ______
7. ______
8. ______
9. ______
10. ______
11. ______
12. ______
13. ______
14. ______

STATE OF COLORADO

REPORT OF SPONTANEOUS OR INDUCED ABORTION

SPONTANEOUS ABORTIONS OF LESS THAN 20 WEEKS GESTATION AND ALL INDUCED ABORTIONS

COLORADO
DEPARTMENT
OF HEALTH
AD RS 18b
(Rev. 1-78)

TYPE
OR PRINT
IN
BLACK INK

STATE FILE NUMBER

SAMPLE

1a. FACILITY–NAME (If not hospital or clinic, give address)
1b. CITY, TOWN OR LOCATION OF PREGNANCY TERMINATION
1c. COUNTY OF PREGNANCY TERMINATION

2a. PATIENT NAME OR OTHER IDENTIFICATION
2b. AGE
2c. MARRIED? ☐ YES ☐ NO
3. DATE OF PREGNANCY TERMINATION (Month, Day, Year)

4a. RESIDENCE–STATE
4b. COUNTY
4c. CITY, TOWN OR LOCATION
4d. INSIDE CITY LIMITS ☐ YES ☐ NO

5. RACE (White, Black, American Indian, etc.)
6. ORIGIN OR DESCENT (Italian, Mexican, English, etc.)
7. EDUCATION (Specify only highest grade completed)
Elementary or Secondary (0-12)
College (1-4 or 5

PREVIOUS PREGNANCIES (Complete each section)

LIVE BIRTHS
8a. Now Living Number ______ None ☐
8b. Now dead Number ______ None ☐

OTHER TERMINATIONS (Spontaneous and Induced)
8c. Spontaneous Number ______ None ☐
8d. Induced Number ______ None ☐

TYPE OF TERMINATION PROCEDURES

9a. PROCEDURE THAT TERMINATED PREGNANCY (CHECK ONLY ONE)		9b. ADDITIONAL PROCEDURES USED FOR THIS TERMINATION, IF ANY (CHECK ALL THAT APPLY)
0 ☐	SPONTANEOUS	
1 ☐	SUCTION CURETTAGE	☐ 1
2 ☐	SHARP CURETTAGE	☐ 2
3 ☐	INTRA-UTERINE SALINE INSTILLATION	☐ 3
4 ☐	INTRA-UTERINE PROSTAGLANDIN INSTILLATION	☐ 4
5 ☐	HYSTEROTOMY	☐ 5
6 ☐	HYSTERECTOMY	☐ 6
7 ☐	OTHER (Ectopic, missed abortion, etc.) (Specify) ______	☐ 7

10. COMPLICATIONS OF PREGNANCY TERMINATION (CHECK ALL THAT APPLY)

0 ☐ NONE
1 ☐ HEMORRHAGE
2 ☐ INFECTION
3 ☐ UTERINE PERFORATION
4 ☐ CERVICAL LACERATION
5 ☐ RETAINED PRODUCTS
6 ☐ OTHER (Specify) ______

1. ______
2. ______
3. ______
4. ______
5. ______
6. ______
7. ______
8. ______

11. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)
12. PHYSICIAN'S ESTIMATE OF GESTATION ______ Weeks
13. NAME OF ATTENDING PHYSICIAN (Type or print)

14. NAME OF PERSON COMPLETING REPORT (Type or print)

TYPE 3

DO NOT WRITE IN SPACE
BELOW — FOR STATE USE ONLY

BEGIN NEW LOG SHEET EACH DAY

FACILITY — Name, Address and Phone Number

COUNTY OF PREGNANCY TERMINATION

DATE OF PREGNANCY TERMINATION (Month, Day, Yr.)

STATE OF COLORADO

REPORT OF INDUCED ABORTIONS

TYPE OF TERMINATION PROCEDURE
(1) SUCTION CURETTAGE
(2) SHARP CURETTAGE
(3) INTRA-UTERINE SALINE INSTILLATION
(4) INTRA-UTERINE PROSTAGLANDIN INSTILLATION
(5) HYSTEROTOMY
(6) HYSTERECTOMY
(7) OTHER

Procedure that terminated pregnancy in 9a, and all codes that apply as additional procedures in 9b.

COMPLICATIONS OF PREGNANCY TERMINATION
(0) NONE
(1) HEMORRHAGE
(2) INFECTION
(3) UTERINE PERFORATION
(4) CERVICAL LACERATION
(5) RETAINED PRODUCTS
(6) OTHER
Enter all Codes that apply in Column 10.

Certificate Number	Patient Surname or Other Identification 1a	Code "22" if Spanish Surname	AGE 2b	MARRIED YES – NO 3	RESIDENCE				RACE (White, black, American Indian, etc.) 5	ORIGIN OR DESCENT (Italian, Mexican, English, etc.) 6	EDUCATION (Highest Grade Completed) 7		PREVIOUS PREGNANCIES				PROCEDURE		COMPLICATIONS (Code) 10	DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) NA = Not Applicable UNK = Unknown 11	ESTIMATE OF GESTATION (Weeks) 12
					STATE 4a	COUNTY 4b	CITY, TOWN OR LOCATION 4c	INSIDE CITY LIMITS (Yes or No) 4d			(0-12)	(1-5+)	LIVE BIRTHS		OTHER TERMINATIONS		Type 9a	Additional 9b			
													Number Now Living 8a	Number Now Dead 8b	Number Spontaneous 8c	Number Induced 8d					

Colorado Department of Health
ADPS 16c (Rev. 7/81)

DATE REGISTERED BY STATE REGISTRAR

STATE OF COLORADO
CERTIFICATE OF DEATH
(PHYSICIAN OR CORONER)

STATE FILE NUMBER

COLORADO
DEPARTMENT
OF HEALTH
AD RS 16
(Rev. 1-78)

THIS IS A
PERMANENT
RECORD
USE BLACK INK
OR TYPEWRITER
WITH BLACK
RIBBON

DECEASED

DECEASED–NAME FIRST MIDDLE LAST 1
SEX 2
DATE OF DEATH (MONTH, DAY, YEAR) 3
RACE (White, Black, American Indian, etc.) 4a
ORIGIN OR DESCENT (Italian, Mexican, English, etc.) 4b
AGE – LAST BIRTHDAY (Years) 5a
UNDER 1 YEAR MOS DAYS 5b
UNDER 1 DAY HRS MINS 5c
DATE OF BIRTH (MONTH, DAY, YEAR) 6
COUNTY OF DEATH 7a
CITY, TOWN OR LOCATION OF DEATH 7b
HOSPITAL OR OTHER INSTITUTION – Name (If not in either, give street and number) 7c
IF HOSP. OR INST. Indicate DO OP/Emer. Rm., Inpatient (Specify) 7d
STATE OF BIRTH (If not in U.S.A. name country) 8
CITIZEN OF WHAT COUNTRY 9
MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify) 10
SURVIVING SPOUSE (If wife, give maiden name) 11
WAS DECEDENT EVER IN U.S. ARMED FORCES? (Yes or No) 12
SOCIAL SECURITY NUMBER 13
USUAL OCCUPATION (Give kind of work done during most of working life even if retired) 14a
KIND OF BUSINESS OR INDUSTRY 14b

USUAL RESIDENCE WHERE DECEASED LIVED IF DEATH OCCURRED IN INSTITUTION GIVE RESIDENCE BEFORE ADMISSION

RESIDENCE–STATE 15a
COUNTY 15b
CITY, TOWN OR LOCATION ZIP 15c
STREET AND NUMBER 15d
INSIDE CITY LIMITS (Yes or No) 15e
FATHER–NAME FIRST MIDDLE LAST 16
MOTHER–NAME FIRST MIDDLE LAST (MAIDEN) 17

INFORMANT–NAME Relation to Deceased 18a
MAILING ADDRESS STREET OR R.F.D. CITY OR TOWN STATE ZIP 18b

DISPOSITION

BURIAL, CREMATION, REMOVAL (Specify) 19a
DATE (Month, Day, Year) 19b
CEMETERY OR CREMATORY NAME AND LOCATION CITY OR TOWN STATE 19c
FUNERAL DIRECTOR (Signature) 20a LIC. NO.
NAME AND ADDRESS OF FUNERAL HOME (STREET OR R.F.D. NO., CITY, STATE, ZIP) 20b

CERTIFIER

21a PHYSICIAN
TO THE BEST OF MY KNOWLEDGE, DEATH OCCURRED AT ______ ON THE DATE AND PLACE AND DUE TO THE CAUSE(S) STATED
(Signature and Title)

22a CORONER – ON THE BASIS OF EXAMINATION AND/OR INVESTIGATION, IN MY OPINION DEATH OCCURRED AT ______ ON THE DATE AND PLACE AND DUE TO THE CAUSE(S) STATED
(Signature and Title)

DATE SIGNED (Month, Day, Year) 21b
DATE SIGNED (Month, Day, Year) 22b
PRONOUNCED DEAD (Mo., Day, Yr., Hour) 22c
NAME AND ADDRESS OF CERTIFIER (PHYSICIAN OR CORONER) (Type or Print) 23

REGISTRAR 24a (Signature)
DATE RECEIVED BY REGISTRAR (Month, Day, Year) 24b

CAUSE OF DEATH

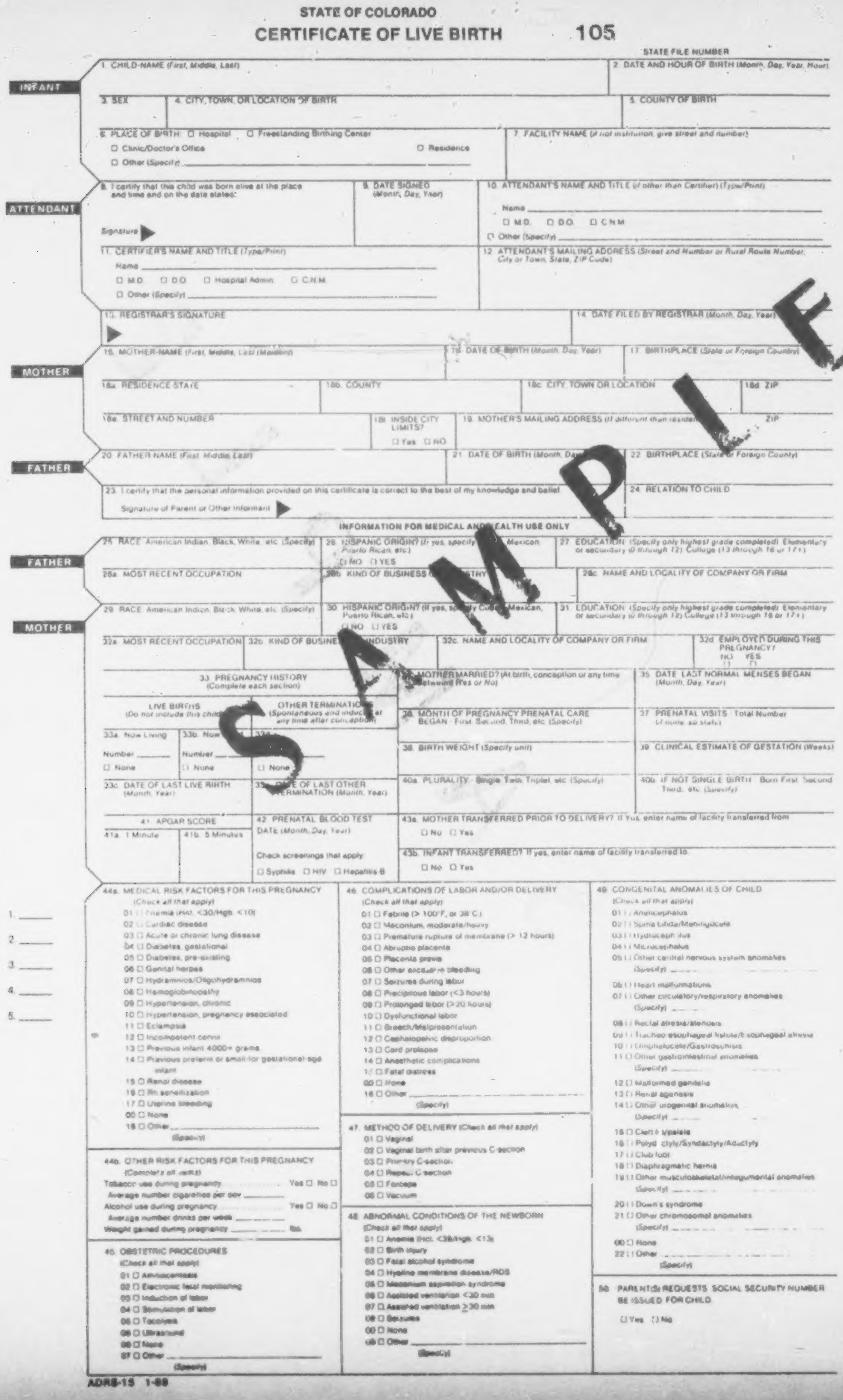
25 PART I IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), and (c).) Interval between onset and death
(a) ______
DUE TO, OR AS A CONSEQUENCE OF Interval between onset and death
(b) ______
DUE TO, OR AS A CONSEQUENCE OF Interval between onset and death
(c) ______

CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING THE UNDERLYING CAUSE LAST

PART II OTHER SIGNIFICANT CONDITIONS – Conditions contributing to death but not related to cause given in PART I (a)
AUTOPSY (Yes or No) 26
WAS CASE REFERRED TO CORONER (Yes or No) 27
ACCIDENT, SUICIDE, HOMICIDE, UNDETERMINED, PENDING INVESTIGATION 28a
DATE AND HOUR OF INJURY (Mo., Day, Yr., Hr.) 28b
DESCRIBE HOW INJURY OCCURRED 28c
INJURY AT WORK (Yes or No) 28d
PLACE OF INJURY – At home, farm, street, factory, office building, etc. 28e
LOCATION (STREET OR R.F.D. NO., CITY OR TOWN, STATE) 28f

SAMPLE

Samples of Colorado Vital Records in Use Beginning in 1989



STATE OF COLORADO
CERTIFICATE OF LIVE BIRTH 105
STATE FILE NUMBER

SAMPLE

INFANT

1. CHILD-NAME (*First, Middle, Last*)
2. DATE AND HOUR OF BIRTH (*Month, Day, Year, Hour*)
3. SEX
4. CITY, TOWN, OR LOCATION OF BIRTH
5. COUNTY OF BIRTH
6. PLACE OF BIRTH: ☐ Hospital ☐ Freestanding Birthing Center ☐ Clinic/Doctor's Office ☐ Residence ☐ Other (*Specify*) ______
7. FACILITY NAME (*If not institution, give street and number*)

ATTENDANT

8. I certify that this child was born alive at the place and time and on the date stated. Signature ▶
9. DATE SIGNED (*Month, Day, Year*)
10. ATTENDANT'S NAME AND TITLE (*If other than Certifier*) (*Type/Print*) Name ______ ☐ M.D. ☐ D.O. ☐ C.N.M. ☐ Other (*Specify*) ______
11. CERTIFIER'S NAME AND TITLE (*Type/Print*) Name ______ ☐ M.D. ☐ D.O. ☐ Hospital Admin. ☐ C.N.M. ☐ Other (*Specify*) ______
12. ATTENDANT'S MAILING ADDRESS (*Street and Number or Rural Route Number, City or Town, State, ZIP Code*)
13. REGISTRAR'S SIGNATURE ▶
14. DATE FILED BY REGISTRAR (*Month, Day, Year*)

MOTHER

15. MOTHER-NAME (*First, Middle, Last (Maiden)*)
16. DATE OF BIRTH (*Month, Day, Year*)
17. BIRTHPLACE (*State or Foreign Country*)
18a. RESIDENCE STATE
18b. COUNTY
18c. CITY, TOWN OR LOCATION
18d. ZIP
18e. STREET AND NUMBER
18f. INSIDE CITY LIMITS? ☐ Yes ☐ NO
19. MOTHER'S MAILING ADDRESS (*If different than residence*) ZIP

FATHER

20. FATHER NAME (*First, Middle, Last*)
21. DATE OF BIRTH (*Month, Day, Year*)
22. BIRTHPLACE (*State or Foreign Country*)
23. I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. Signature of Parent or Other Informant ▶
24. RELATION TO CHILD

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

FATHER

25. RACE: American Indian, Black, White, etc. (*Specify*)
26. HISPANIC ORIGIN? (*If yes, specify Cuban, Mexican, Puerto Rican, etc.*) ☐ NO ☐ YES
27. EDUCATION (*Specify only highest grade completed*) Elementary or secondary (*0 through 12*) College (*13 through 16 or 17+*)
28a. MOST RECENT OCCUPATION
28b. KIND OF BUSINESS OR INDUSTRY
28c. NAME AND LOCALITY OF COMPANY OR FIRM

MOTHER

29. RACE: American Indian, Black, White, etc. (*Specify*)
30. HISPANIC ORIGIN? (*If yes, specify Cuban, Mexican, Puerto Rican, etc.*) ☐ NO ☐ YES
31. EDUCATION (*Specify only highest grade completed*) Elementary or secondary (*0 through 12*) College (*13 through 16 or 17+*)
32a. MOST RECENT OCCUPATION
32b. KIND OF BUSINESS OR INDUSTRY
32c. NAME AND LOCALITY OF COMPANY OR FIRM
32d. EMPLOYED DURING THIS PREGNANCY? NO ☐ YES ☐

33. PREGNANCY HISTORY (*Complete each section*)

LIVE BIRTHS (*Do not include this child*)

33a. Now Living: Number ______ ☐ None
33b. Now Dead: Number ______ ☐ None
33c. DATE OF LAST LIVE BIRTH (*Month, Year*)

OTHER TERMINATIONS (*Spontaneous and induced at any time after conception*)

33d. ☐ None
33e. DATE OF LAST OTHER TERMINATION (*Month, Year*)

34. MOTHER MARRIED? (*At birth, conception or any time between*) (*Yes or No*)
35. DATE LAST NORMAL MENSES BEGAN (*Month, Day, Year*)
36. MONTH OF PREGNANCY PRENATAL CARE BEGAN: First, Second, Third, etc. (*Specify*)
37. PRENATAL VISITS: Total Number (*If none, so state*)
38. BIRTH WEIGHT (*Specify unit*)
39. CLINICAL ESTIMATE OF GESTATION (*Weeks*)
40a. PLURALITY: Single, Twin, Triplet, etc. (*Specify*)
40b. IF NOT SINGLE BIRTH: Born First, Second, Third, etc. (*Specify*)
41. APGAR SCORE: 41a. 1 Minute 41b. 5 Minutes
42. PRENATAL BLOOD TEST DATE (*Month, Day, Year*) Check screenings that apply: ☐ Syphilis ☐ HIV ☐ Hepatitis B
43a. MOTHER TRANSFERRED PRIOR TO DELIVERY? If Yes, enter name of facility transferred from ☐ No ☐ Yes
43b. INFANT TRANSFERRED? If yes, enter name of facility transferred to ☐ No ☐ Yes

1. ______
2. ______
3. ______
4. ______
5. ______

44a. MEDICAL RISK FACTORS FOR THIS PREGNANCY (*Check all that apply*)
- 01 ☐ Anemia (Hct. <30/Hgb. <10)
- 02 ☐ Cardiac disease
- 03 ☐ Acute or chronic lung disease
- 04 ☐ Diabetes, gestational
- 05 ☐ Diabetes, pre-existing
- 06 ☐ Genital herpes
- 07 ☐ Hydramnios/Oligohydramnios
- 08 ☐ Hemoglobinopathy
- 09 ☐ Hypertension, chronic
- 10 ☐ Hypertension, pregnancy associated
- 11 ☐ Eclampsia
- 12 ☐ Incompetent cervix
- 13 ☐ Previous infant 4000+ grams
- 14 ☐ Previous preterm or small-for-gestational-age infant
- 15 ☐ Renal disease
- 16 ☐ Rh sensitization
- 17 ☐ Uterine bleeding
- 00 ☐ None
- 18 ☐ Other ______ (*Specify*)

44b. OTHER RISK FACTORS FOR THIS PREGNANCY (*Complete all items*)
Tobacco use during pregnancy Yes ☐ No ☐
Average number cigarettes per day ______
Alcohol use during pregnancy Yes ☐ No ☐
Average number drinks per week ______
Weight gained during pregnancy ______ lbs.

45. OBSTETRIC PROCEDURES (*Check all that apply*)
- 01 ☐ Amniocentesis
- 02 ☐ Electronic fetal monitoring
- 03 ☐ Induction of labor
- 04 ☐ Stimulation of labor
- 05 ☐ Tocolysis
- 06 ☐ Ultrasound
- 00 ☐ None
- 07 ☐ Other ______ (*Specify*)

46. COMPLICATIONS OF LABOR AND/OR DELIVERY (*Check all that apply*)
- 01 ☐ Febrile (> 100°F, or 38°C)
- 02 ☐ Meconium, moderate/heavy
- 03 ☐ Premature rupture of membrane (> 12 hours)
- 04 ☐ Abruptio placenta
- 05 ☐ Placenta previa
- 06 ☐ Other excessive bleeding
- 07 ☐ Seizures during labor
- 08 ☐ Precipitous labor (<3 hours)
- 09 ☐ Prolonged labor (>20 hours)
- 10 ☐ Dysfunctional labor
- 11 ☐ Breech/Malpresentation
- 12 ☐ Cephalopelvic disproportion
- 13 ☐ Cord prolapse
- 14 ☐ Anesthetic complications
- 15 ☐ Fetal distress
- 00 ☐ None
- 16 ☐ Other ______ (*Specify*)

47. METHOD OF DELIVERY (*Check all that apply*)
- 01 ☐ Vaginal
- 02 ☐ Vaginal birth after previous C-section
- 03 ☐ Primary C-section
- 04 ☐ Repeat C-section
- 05 ☐ Forceps
- 06 ☐ Vacuum

48. ABNORMAL CONDITIONS OF THE NEWBORN (*Check all that apply*)
- 01 ☐ Anemia (Hct. <39/Hgb. <13)
- 02 ☐ Birth injury
- 03 ☐ Fetal alcohol syndrome
- 04 ☐ Hyaline membrane disease/RDS
- 05 ☐ Meconium aspiration syndrome
- 06 ☐ Assisted ventilation <30 min
- 07 ☐ Assisted ventilation ≥30 min
- 08 ☐ Seizures
- 00 ☐ None
- 09 ☐ Other ______ (*Specify*)

49. CONGENITAL ANOMALIES OF CHILD (*Check all that apply*)
- 01 ☐ Anencephalus
- 02 ☐ Spina bifida/Meningocele
- 03 ☐ Hydrocephalus
- 04 ☐ Microcephalus
- 05 ☐ Other central nervous system anomalies (*Specify*) ______
- 06 ☐ Heart malformations
- 07 ☐ Other circulatory/respiratory anomalies (*Specify*) ______
- 08 ☐ Rectal atresia/stenosis
- 09 ☐ Tracheo-esophageal fistula/Esophageal atresia
- 10 ☐ Omphalocele/Gastroschisis
- 11 ☐ Other gastrointestinal anomalies (*Specify*) ______
- 12 ☐ Malformed genitalia
- 13 ☐ Renal agenesis
- 14 ☐ Other urogenital anomalies (*Specify*) ______
- 15 ☐ Cleft lip/palate
- 16 ☐ Polydactyly/Syndactyly/Adactyly
- 17 ☐ Club foot
- 18 ☐ Diaphragmatic hernia
- 19 ☐ Other musculoskeletal/integumental anomalies (*Specify*) ______
- 20 ☐ Down's syndrome
- 21 ☐ Other chromosomal anomalies (*Specify*) ______
- 00 ☐ None
- 22 ☐ Other ______ (*Specify*)

50. PARENT(S) REQUESTS SOCIAL SECURITY NUMBER BE ISSUED FOR CHILD ☐ Yes ☐ No

ADRS-15 1-89

DATE REGISTERED BY STATE REGISTRAR

STATE OF COLORADO

CERTIFICATE OF FETAL DEATH

STATE FILE NUMBER

SAMPLE

FETUS

1 FETUS - NAME (First, Middle, Last)

2 SEX

3 DATE AND HOUR OF DELIVERY (Month, Day, Year, Hour)

4a FACILITY NAME (If not in institution, give street and number)

4b CITY, TOWN OR LOCATION OF DELIVERY

4c COUNTY OF DELIVERY

PARENTS

5a MOTHER'S NAME (First, Middle, Last)

5b MAIDEN SURNAME

6 DATE OF BIRTH (Month, Day, Year)

7a RESIDENCE STATE

7b COUNTY

7c CITY, TOWN, OR LOCATION

7d STREET AND NUMBER

7e INSIDE CITY LIMITS? (Yes or no)

7f ZIP CODE

8 FATHER'S NAME (First, Middle, Last)

9 DATE OF BIRTH (Month, Day, Year)

CAUSE OF FETAL DEATH

10 PART I FETAL DEATH WAS CAUSED BY: (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b) AND (c))

SPECIFY FETAL OR MATERNAL

FETAL OR MATERNAL CONDITION DIRECTLY CAUSING FETAL DEATH — IMMEDIATE CAUSE

FETAL AND/OR MATERNAL CONDITIONS IF ANY GIVING RISE TO THE IMMEDIATE CAUSE (A) STATING THE UNDERLYING CAUSE LAST

(a)

DUE TO, OR AS A CONSEQUENCE OF

(b)

DUE TO, OR AS A CONSEQUENCE OF

(c)

PART II OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER CONTRIBUTING TO FETAL DEATH BUT NOT RESULTING IN THE UNDERLYING CAUSE GIVEN IN PART I

11 FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN

12 PHYSICIAN'S ESTIMATE OF GESTATION — Weeks

13 AUTOPSY (Yes or No)

CERTIFIER

14a I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD

(Signature) M.D., D.O., OTHER (Specify)

14b DATE SIGNED (Month, Day, Year)

14c ATTENDANT - NAME (Type or Print) ☐ MD ☐ CNM ☐ DO ☐ OTHER

14d MAILING ADDRESS (Street or R.F.D. No., City, State, Zip)

DISPOSITION

15a BURIAL, CREMATION, REMOVAL (Specify)

15b CEMETERY, CREMATORY OR INSTITUTION - NAME AND LOCATION — CITY OR TOWN — STATE

16 FUNERAL DIRECTOR - NAME — ADDRESS

17 REGISTRAR'S SIGNATURE

18 DATE RECEIVED BY REGISTRAR

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

FATHER

19 RACE American Indian, Black, White, etc. (Specify)

20 HISPANIC ORIGIN? (If yes, specify Cuban, Mexican, Puerto Rican, etc.) ☐ NO ☐ YES

21 EDUCATION (Specify only highest grade completed) Elementary or secondary (0 through 12) College (13 through 16 or 17+)

22a MOST RECENT OCCUPATION

22b KIND OF BUSINESS OR INDUSTRY

22c NAME AND LOCALITY OF COMPANY OR FIRM

MOTHER

23 RACE American Indian, Black, White, etc. (Specify)

24 HISPANIC ORIGIN? (If yes, specify Cuban, Mexican, Puerto Rican, etc.) ☐ NO ☐ YES

25 EDUCATION (Specify only highest grade completed) Elementary or secondary (0 through 12) College (13 through 16 or 17+)

26a MOST RECENT OCCUPATION

26b KIND OF BUSINESS OR INDUSTRY

26c NAME AND LOCALITY OF COMPANY OR FIRM

26d EMPLOYED DURING THIS PREGNANCY? ☐ NO ☐ YES

27 PREGNANCY HISTORY (Complete each section)

LIVE BIRTHS		OTHER TERMINATIONS (Spontaneous and induced at any time after conception)
27a Now Living Number ____ ☐ None	27b Now Dead Number ____ ☐ None	27d (Do not include this fetus) Number ____ ☐ None
27c DATE OF LAST LIVE BIRTH (Month, Year)		27e DATE OF LAST OTHER TERMINATION (Month, Year)

28 MOTHER MARRIED? (At delivery, conception, or any time between) (Yes or No)

29 DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)

30 MONTH OF PREGNANCY PRENATAL CARE BEGAN - First, Second, Third, etc. (Specify)

31 PRENATAL VISITS - Total Number (If none, so state)

32 WEIGHT OF FETUS (Specify Unit)

33 PLURALITY - Single, Twin, Triplet, etc. (Specify)

34 IF NOT SINGLE DELIVERY - Delivered First, Second, Third, etc. (Specify)

MULTIPLE BIRTHS Enter State File Number for Mate(s)

LIVE BIRTH(S)

FETAL DEATH(S)

1. ______
2. ______
3. ______
4. ______
5. ______

MEDICAL AND HEALTH INFORMATION

35a MEDICAL RISK FACTORS FOR THIS PREGNANCY (Check all that apply)

01 ☐ Anemia (Hct. <30/Hgb. <10)
02 ☐ Cardiac disease
03 ☐ Acute or chronic lung disease
04 ☐ Diabetes, gestational
05 ☐ Diabetes, pre-existing
06 ☐ Genital herpes
07 ☐ Hydramnios/Oligohydramnios
08 ☐ Hemoglobinopathy
09 ☐ Hypertension, chronic
10 ☐ Hypertension, pregnancy associated
11 ☐ Eclampsia
12 ☐ Incompetent cervix
13 ☐ Previous infant 4000+ grams
14 ☐ Previous preterm or small-for-gestational-age infant
15 ☐ Renal disease
16 ☐ Rh sensitization
17 ☐ Uterine bleeding
00 ☐ None
18 ☐ Other ______ (Specify)

35b OTHER RISK FACTORS FOR THIS PREGNANCY (Complete all items)

Tobacco use during pregnancy .... Yes ☐ No ☐
Average number cigarettes per day ______
Alcohol use during pregnancy .... Yes ☐ No ☐
Average number drinks per week ______
Weight gained during pregnancy ______ lbs

36 OBSTETRIC PROCEDURES (Check all that apply)

01 ☐ Amniocentesis
02 ☐ Electronic fetal monitoring
03 ☐ Induction of labor
04 ☐ Stimulation of labor
05 ☐ Tocolysis
06 ☐ Ultrasound
00 ☐ None
07 ☐ Other ______ (Specify)

37 COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply)

01 ☐ Febrile (> 100°F, or 38°C)
02 ☐ Meconium, moderate/heavy
03 ☐ Premature rupture of membrane (> 12 hours)
04 ☐ Abruptio placenta
05 ☐ Placenta previa
06 ☐ Other excessive bleeding
07 ☐ Seizures during labor
08 ☐ Precipitous labor (< 3 hours)
09 ☐ Prolonged labor (> 20 hours)
10 ☐ Dysfunctional labor
11 ☐ Breech/Malpresentation
12 ☐ Cephalopelvic disproportion
13 ☐ Cord prolapse
14 ☐ Anesthetic complications
15 ☐ Fetal distress
00 ☐ None
16 ☐ Other ______ (Specify)

38 METHOD OF DELIVERY (Check all that apply)

01 ☐ Vaginal
02 ☐ Vaginal birth after previous C-section
03 ☐ Primary C-section
04 ☐ Repeat C-section
05 ☐ Forceps
06 ☐ Vacuum
07 ☐ Hysterotomy/Hysterectomy

39 CONGENITAL ANOMALIES OF FETUS (Check all that apply)

01 ☐ Anencephalus
02 ☐ Spina bifida/Meningocele
03 ☐ Hydrocephalus
04 ☐ Microcephalus
05 ☐ Other central nervous system anomalies (Specify)
06 ☐ Heart malformations
07 ☐ Other circulatory/respiratory anomalies (Specify)
08 ☐ Rectal atresia/stenosis
09 ☐ Tracheo-esophageal fistula/Esophageal atresia
10 ☐ Omphalocele/Gastroschisis
11 ☐ Other gastrointestinal anomalies (Specify)
12 ☐ Malformed genitalia
13 ☐ Renal agenesis
14 ☐ Other urogenital anomalies (Specify)
15 ☐ Cleft lip/palate
16 ☐ Polydactyly/Syndactyly/Adactyly
17 ☐ Club foot
18 ☐ Diaphragmatic hernia
19 ☐ Other musculoskeletal/integumental anomalies (Specify)
20 ☐ Down's syndrome
21 ☐ Other chromosomal anomalies (Specify)
00 ☐ None
22 ☐ Other ______ (Specify)

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STATE OF COLORADO
REPORT OF INDUCED TERMINATION OF PREGNANCY

STATE FILE NUMBER

1. FACILITY NAME *(If not clinic or hospital, give address)*

2. CITY, TOWN, OR LOCATION OF PREGNANCY TERMINATION

3. COUNTY OF PREGNANCY TERMINATION

4. PATIENT'S IDENTIFICATION

5. AGE LAST BIRTHDAY

6. MARRIED? ☐ YES ☐ NO

7. DATE OF PREGNANCY TERMINATION *(Month, Day, Year)*

8a. RESIDENCE—STATE

8b. COUNTY

8c. CITY, TOWN, OR LOCATION

8d. INSIDE CITY LIMITS? ☐ YES ☐ NO

8e. ZIP CODE

9. OF HISPANIC ORIGIN? (Specify No or Yes—If yes, specify Cuban, Mexican, Puerto Rican, etc.)
☐ No ☐ Yes
Specify:

10. RACE
☐ American Indian
☐ Black
☐ White
☐ Other *(Specify)* ____________

11. EDUCATION
Specify only highest grade completed
(Elementary/Secondary 0-12, College 13-16, 17+)

12. DATE LAST NORMAL MENSES BEGAN *(Month, Day, Year)*

13. CLINICAL ESTIMATE OF GESTATION *(Weeks)*

14. PREVIOUS PREGNANCIES *(Complete each section)*

LIVE BIRTHS		OTHER TERMINATIONS	
14a. Now Living	14b. Now Dead	14c. Spontaneous	14d. Induced *(Do not include this termination)*
Number ____	Number ____	Number ____	Number ____
☐ None	☐ None	☐ None	☐ None

TERMINATION PROCEDURES

15a. PROCEDURE THAT TERMINATED PREGNANCY *(Check only one)*

TYPE OF TERMINATION PROCEDURES

15b. ADDITIONAL PROCEDURES USED FOR THIS TERMINATION, IF ANY *(Check all that apply)*

15a		15b
1 ☐	Suction Curettage	☐ 1
2 ☐	Sharp Curettage	☐ 2
3 ☐	Dilation and Evacuation (D&E)	☐ 3
4 ☐	Intra-Uterine Saline Instillation	☐ 4
5 ☐	Intra-Uterine Prostaglandin Instillation	☐ 5
6 ☐	Hysterotomy	☐ 6
7 ☐	Hysterectomy	☐ 7
8 ☐	Other (Specify)____________	☐ 8

16. NAME OF ATTENDING PHYSICIAN *(Type/Print)*

17. NAME OF PERSON COMPLETING REPORT *(Type/Print)*

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SAMPLE

STATE OF COLORADO
CERTIFICATE OF DEATH
(PHYSICIAN OR CORONER)

STATE FILE NUMBER

DECEDENT

1. DECEDENT'S NAME (*First, Middle, Last*)
2. SEX
3. DATE OF DEATH (*Month, Day, Year*)
4. SOCIAL SECURITY NUMBER
5a. AGE - Last Birthday (*Years*)
5b. UNDER 1 YEAR Mos : Days
5c. UNDER 1 DAY Hrs : Mins
6. DATE OF BIRTH (*Month, Day, Year*)
7. BIRTHPLACE (*City and State or Foreign Country*)
8. WAS DECEDENT EVER IN U.S. ARMED FORCES? ☐ Yes ☐ No
9a. PLACE OF DEATH (*Check only one*)
HOSPITAL: ☐ Inpatient ☐ ER/Outpatient ☐ DOA
OTHER ☐ Nursing Home ☐ Residence ☐ Other (*Specify*)
9b. FACILITY NAME (*If not institution, give street and number*)
9c. CITY, TOWN, OR LOCATION OF DEATH
9d. COUNTY OF DEATH
10a. DECEDENT'S USUAL OCCUPATION (*Give kind of work done during most of working life. Do not use retired.*)
10b. KIND OF BUSINESS/INDUSTRY
11. MARITAL STATUS - Married, Never Married, Widowed, Divorced (*Specify*)
12. SPOUSE (*If wife, give maiden name*)
13a. RESIDENCE-STATE
13b. COUNTY
13c. CITY, TOWN, OR LOCATION
13d. STREET AND NUMBER
13e. INSIDE CITY LIMITS? ☐ Yes ☐ No
13f. ZIP CODE
14. WAS DECEDENT OF HISPANIC ORIGIN? (Specify No or Yes - If yes, specify Cuban, Mexican, Puerto Rican, etc.) ☐ No ☐ Yes Specify
15. RACE American Indian, Black, White, etc. (Specify)
16. DECEDENT'S EDUCATION (*Specify only highest grade completed*) Elementary or secondary (*0 through 12*) College (13 through 16 or 17+)

PARENTS

17. FATHER-NAME (*First, Middle, Last*)
18. MOTHER-NAME (*First, Middle, Last (Maiden Name)*)
19. INFORMANT-NAME and relationship to deceased

DISPOSITION

20a. METHOD OF DISPOSITION ☐ Burial ☐ Cremation ☐ Removal from State ☐ Donation ☐ Other (*Specify*)
20b. PLACE OF DISPOSITION (*Name of cemetery, crematory, or other place*)
20c. LOCATION - City or Town, State
21. SIGNATURE OF FUNERAL DIRECTOR OR PERSON ACTING AS SUCH ▶
22. NAME AND ADDRESS OF FACILITY ZIP
23. TIME OF DEATH M
24. DATE PRONOUNCED DEAD Month Day Year Hour
25. WAS CORONER NOTIFIED? (*Yes or No*)

CERTIFIER

TO BE COMPLETED ONLY BY CERTIFYING PHYSICIAN	TO BE COMPLETED BY CORONER
26. To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) and manner as stated. *Signature* ▶	27. On the basis of examination and/or investigation, in my opinion death occurred at the time, date and place, and due to the cause(s) and manner as stated. *Signature* ▶
28. DATE SIGNED (*Month, Day, Year*)	29. DATE SIGNED (*Month, Day, Year*)

30. NAME, TITLE AND MAILING ADDRESS OF CERTIFIER/CORONER (*Type/Print*) ZIP
31. NAME OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER (*Type/Print*)
32. REGISTRAR'S SIGNATURE ▶
33. DATE FILED (*Month, Day, Year*)
34. MANNER OF DEATH ☐ Natural ☐ Pending Investigation ☐ Accident ☐ Suicide ☐ Undetermined Manner ☐ Homicide
35a. DATE OF INJURY (*Month, Day, Year*)
35b. TIME OF INJURY M
35c. INJURY AT WORK? ☐ Yes ☐ No
35d. DESCRIBE HOW INJURY OCCURRED
35e. PLACE OF INJURY-At home, farm, street, factory, office building, etc. (*Specify*)
35f. LOCATION (Street and Number or Rural Route Number, City, County, State)

CAUSE OF DEATH

36. IMMEDIATE CAUSE [*ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).*] Do not enter mode of dying, e.g. Cardiac or Respiratory Arrest. — Interval between onset and death

PART I (a) — Interval between onset and death

CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING THE UNDERLYING CAUSE LAST (c)

DUE TO OR AS A CONSEQUENCE OF (b) — Interval between onset and death

DUE TO OR AS A CONSEQUENCE OF (c)

PART II OTHER SIGNIFICANT CONDITIONS - Conditions contributing to death but not related to cause in PART I (e.g., alcohol abuse, obesity, smoker).
37. AUTOPSY (*Yes or No*)
38. IF YES were findings considered in determining cause of death?

1 ____
2 ____
3 ____
4 ____
5 ____
6 ____
7 ____
8 ____
9 ____
10 ____
11 ____
12 ____
13 ____
14 ____
15 ____

SAMPLE

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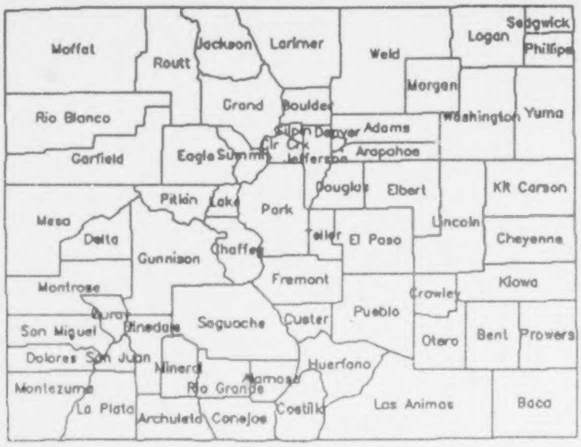
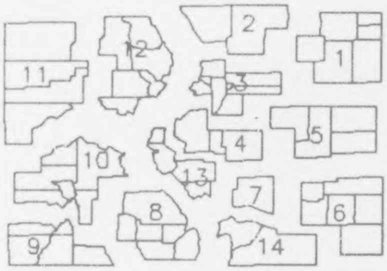

Moffat
Routt
Jackson
Larimer
Weld
Logan
Sedgwick
Phillips
Rio Blanco
Grand
Boulder
Morgan
Washington
Yuma
Gilpin
Denver
Adams
Clr Crk
Garfield
Eagle
Summit
Jefferson
Arapahoe
Pitkin
Lake
Douglas
Elbert
Kit Carson
Mesa
Park
Lincoln
Delta
Teller
El Paso
Cheyenne
Gunnison
Chaffee
Fremont
Kiowa
Montrose
Crowley
Ouray
Pueblo
San Miguel
Hinsdale
Saguache
Custer
Otero
Bent
Prowers
Dolores
San Juan
Mineral
Huerfano
Alamosa
Montezuma
Rio Grande
La Plata
Archuleta
Conejos
Costilla
Los Animos
Baca

Colorado Substate Regions

Four frequently used county groups appear below. These and other substate regions help in working with data for sparsely populated areas of the state. They also offer a way to assess a county in terms of its neighbors or compare one part of the state with another.


2
12
1
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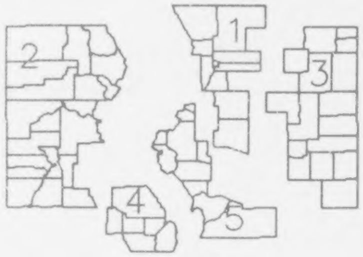
14

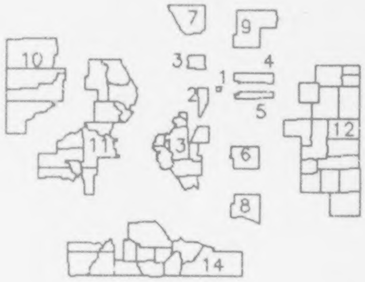
Planning and Management Regions (PMRs)

This 14-county arrangement evolved from regions designated by the governor in 1977 for general-purpose planning. It divides the state into similar-sized regions. PMR 3, comprised of 8 Denver area counties, contains more than half the state's population. Several groupings correspond to areas served by local health departments. PMRs are referred to by number.



Five-Region Substate Groups

An informal grouping of Colorado counties, this arrangement is useful in having fewer regions to consider. Eighty percent of the state's population lives in the Front Range region. The regions are: Region 1 - Front Range, Region 2 - Western Slope, Region 3 - Eastern Plains, Region 4 - San Luis Valley, Region 5 - Eastern Mountains.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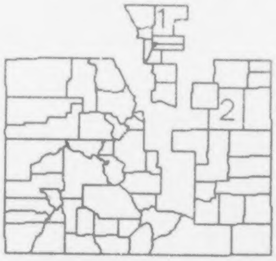
14

Population-Based Regions

Based on region groupings developed by the U.S. Census Bureau, this system divides the state into 14 regions: 9 large metro counties and 5 groups of counties with smaller populations. This results in regions that have large enough populations to consider separately or compare with each other. The regions are: 1 - Denver, 2 - Jefferson, 3 - Boulder, 4 - Adams, 5 - Arapahoe, 6 - El Paso, 7 - Larimer, 8 - Pueblo, 9 - Weld, 10 - Northwest Region, 11 - Western Region, 12 - Eastern Region, 13-Central Region, 14 - Southern Region.



Metro/Non-Metro

While several of Colorado's Metropolitan Statistical Area (MSA) counties contain large rural populations, this division of the state into metro and non-metro counties is useful for many comparisons. The MSA system created in 1983 replaced the earlier Standard Metropolitan Statistical Area (SMSA) arrangement used for the U.S. Census in 1980. Counties considered as metropolitan area counties in Region 1 are Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Pueblo, and Weld. The remainder of the state is in Region 2. The Denver Primary Metropolitan Statistical Area (PMSA) includes Adams, Arapahoe, Denver, Douglas, and Jefferson counties. The Denver Consolidated Metropolitan Statistical Area (CMSA) includes Denver PMSA counties plus Boulder County.